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President's Message



Ravish B. Kamath
President, Plastindia Foundation

Dear Friends,

This Edition of INSIGHT is especially meaningful for me, as it will be the last issue released during my tenure as President of Plastindia Foundation, and it comes at a time when the plastics-automotive interface is evolving rapidly.

INSIGHT Issue 79 focuses on the fast-transforming automotive sector, where advanced plastics are reshaping the future of mobility and sustainability by enabling lightweight engineering, electric vehicles, smart interiors, and recyclable components. The articles in this issue highlight these developments while also reflecting, with a deep sense of gratitude and pride, on what the Indian plastics industry and Plastindia Foundation have collectively achieved in recent years and on the new opportunities now opening up across the value chain.

Despite global economic uncertainty and stricter sustainability regulations, the Indian plastics industry has shown strong resilience and agility. It has further strengthened its position as a global hub, with expanding capacities, better technology, and a clear focus on recycling, circularity, and responsible growth.

A major highlight of this tenure was the success of PLASTINDIA 2026 at Bharat Mandapam, New Delhi, held under the theme "Bharat Next." With 1,844 exhibitors, including 480 international participants from 88 countries, and over 5,55,000 visitors, the exhibition showcased India's manufacturing strength, innovation, and export potential in plastics. As India's first Zero Waste exhibition, PLASTINDIA 2026 also set a benchmark for sustainable trade fairs through complete diversion of waste from landfill via structured segregation, recycling partnerships, and material recovery.

Through initiatives such as the Plastindia Global CEO Conclave, the Plastic Industry Status Report 2025, the PLEXCONNECT Reverse Buyer Seller Meet, and the Startup Search Initiative – Bharat Next Challenge 2026, the Foundation has deepened India's export pipeline and fostered innovation in recycling, biopolymers, and advanced materials. Complementary efforts like the Open-Air Museum and Swachhta Yatra underlined our commitment to business development, sustainability, and wider stakeholder engagement.

In parallel, Plastindia Foundation has taken important strategic steps to strengthen its long-term relevance. A key decision has been the transition of the PLASTINDIA exhibition cycle from a three-year tenure to a biennial format, with the next edition scheduled for 2028, enabling more frequent industry engagement and closer alignment with global business and technology cycles. We have also advanced focussed initiatives on exports, sustainability, advocacy, and data-driven policy support, underpinned by institutions such as Plastindia International University and programmes like PMFC and AOTS-linked collaborations. These efforts aim to equip the industry with the skills, knowledge, and evidence base needed in an evolving global regulatory landscape.

None of this progress would have been possible without the collective efforts of the Indian plastics fraternity. I extend my heartfelt thanks to all Founder, Constituent, and Associate Members, industry leaders, sponsors, exhibitors, visitors, partners, and service providers for their trust and support in making PLASTINDIA 2026 and the Foundation's initiatives a success. I am deeply grateful to my fellow Office Bearers, the Managing Committee, and the Chairmen and members of various committees for their guidance, collaboration, and commitment throughout this journey.

I wish to place on record my special appreciation for the Publication Committee and its Chairman, Shri Ramesh Parasuraman, whose vision, editorial rigour, and tireless efforts have ensured that INSIGHT remains a credible, engaging, and high-quality knowledge platform for the plastics value chain. Their work has been central to positioning the magazine as an effective vehicle for industry-relevant insights, technology updates, and success stories, and I am confident that the publication will continue to grow from strength to strength.

As I complete my tenure, I am confident that Plastindia Foundation is in capable hands and well positioned to support the industry through the next phase of growth, competitiveness, and sustainability. I remain deeply grateful to our readers, contributors, and stakeholders for their continued support to INSIGHT and to the Foundation's mission.

It has been an honour to serve as President of Plastindia Foundation. I wish the incoming leadership, the Foundation, and the entire Indian plastics industry continued success in building a resilient, innovative, and responsible future.



Editor's Message

Automotive Plastics: Navigating a Decade of Transformation and Innovation

As the automotive industry accelerates into a new era, India's automotive plastics sector stands at the precipice of its most defining decade. The period between 2026 and 2030 will witness a profound shift, transcending the traditional role of plastics as mere enablers of cost and weight reduction. Instead, plastics are poised to become a strategic cornerstone of vehicle engineering, electrification, and sustainability initiatives, driving an unmistakably growth-oriented trajectory, albeit one that may encounter unforeseen challenges. The Indian automotive plastics market is projected to grow at a CAGR of 4.25% during this period, driven by factors such as CAFE Phase II lightweighting mandates and the accelerated adoption of Electric Vehicles.

The notion of automotive plastics as mere substitutes for metallic components is now obsolete. Today, these advanced materials are central to the mobility transition, fundamentally redefining material selection across the automotive value chain. Key drivers include the proliferation of electric vehicles (EVs), the integration of connected platforms, the imperative for lightweight architectures, stringent emission regulations, and unwavering commitments to the circular economy.

The most significant impetus for growth will undoubtedly emanate from EV-driven applications. The intricate demands of battery packs, sophisticated thermal management systems, robust electronic housings, lightweight structural components, high-performance interiors, and advanced under-the-hood applications are generating unprecedented demand for specialized engineering polymers and high-performance specialty compounds. In these critical segments, plastics are no longer an optional consideration but an indispensable element for optimal performance and safety. For instance, the Electric Vehicle Thermal Management System Market is projected to reach USD 7.07 billion by 2030, growing at a 15% CAGR from USD 4.04 billion in 2026. Key material requirements include flame-retardant (FR) grades of polymers such as PC/ABS, PBT, PPS, and PA66 for battery enclosures and thermal management components, ensuring compliance with safety standards like AIS-156 for thermal runaway protection. Furthermore, EMI shielding for high-voltage electronics is increasingly critical, often achieved through modified thermoplastic compounds or specialized coatings.



Ramesh Parasuraman
Editor, PlastIndia Foundation

This transformative period also delineates a clear bifurcation within the industry. While conventional commodity plastic applications, historically linked to Internal Combustion Engine (ICE) platforms, are projected to experience stable yet moderate expansion, high-value segments are poised for accelerated growth and significantly elevated strategic relevance. These include flame-retardant compounds, reinforced materials (e.g., glass fiber or carbon fiber reinforced polyamides), recycled polymers (e.g., Post-Consumer Recycled or PCR content), bio-based plastics, and advanced lightweight composites, all critical for meeting evolving performance and sustainability benchmarks.

Sustainability stands as an equally paramount imperative. Global Original Equipment Manufacturers (OEMs) are rapidly intensifying Environmental, Social, and Governance (ESG) benchmarks across their extensive sourcing networks. European and Japanese vehicle manufacturers, in particular, are increasingly mandating the incorporation of recycled content, comprehensive material traceability, and demonstrably lower carbon footprints throughout the component and material supply chains. Suppliers failing to align with these rigorous expectations risk gradual marginalization from future global platforms.

India, however, is uniquely positioned to capitalize on this paradigm shift. The confluence of Production Linked Incentive (PLI) schemes for the Automobile and Auto Component Industry, with a budgetary outlay of ₹25,938 crore for FY2022-23 to FY2026-27, robust localization initiatives, burgeoning domestic vehicle production, and a rapidly expanding EV ecosystem is cultivating a fertile environment for advanced polymer manufacturing and compounding technologies. This presents a rare and opportune moment for Indian processors to evolve from being cost-driven vendors to becoming innovation-led material partners, contributing significantly to the global automotive landscape.

Nevertheless, the industry must guard against complacency. The competitive advantage in the forthcoming decade will not be solely predicated on production scale. It will be decisively shaped by continuous material innovation, sophisticated application engineering, advanced recycling capabilities, proactive compliance readiness, and the capacity for deep, collaborative engagement with OEM development programs.

In conclusion, the message for the industry is unequivocal: automotive plastics have transcended their role as a mere supporting sector in mobility. They are rapidly emerging as one of its defining and most critical technologies.



➤ Automotive Plastics Driving the Next Mobility Revolution

As India's automotive sector embraces electrification, connectivity, lightweight engineering and sustainability, advanced plastics are emerging as key drivers of the country's future mobility transformation



India's automotive industry is undergoing one of the most transformative phases in its history. As the country accelerates towards electric mobility, lightweight engineering, fuel efficiency, connected vehicles, and sustainable manufacturing, plastics are emerging as one of the most critical enablers of next-generation mobility solutions.

From electric vehicles and smart interiors to lightweight structural components and sustainable materials, automotive plastics are redefining how vehicles are designed, manufactured, and experienced. For India's plastics processing industry, this transition presents a massive opportunity for innovation, investment, and long-term growth.

The Shift Towards Lightweight Mobility

One of the biggest factors driving the increased use of plastics in automobiles is the global push for lightweight vehicles. Automakers are under growing pressure to improve fuel efficiency and reduce carbon emissions while maintaining safety and performance standards. Traditionally, metals dominated automotive manufacturing. However, engineering plastics and polymer composites are increasingly replacing conventional metal parts across vehicle platforms. Plastics offer significant weight reduction, corrosion resistance, design flexibility, and cost efficiency.

Industry experts estimate that every 10 percent reduction in vehicle weight can improve fuel efficiency by nearly 5 to 7 percent. In electric vehicles (EVs), lightweighting becomes even more crucial because reducing vehicle mass directly improves battery efficiency and driving range.

Today, plastics are extensively used in:

- * Instrument panels
- * Door trims
- * Bumpers
- * Dashboards
- * Fuel systems
- * Under-the-hood components
- * Seating systems
- * Lighting assemblies
- * Battery enclosures
- * HVAC systems

Modern vehicles now contain nearly 150–200 kilograms of plastic components, and this figure is expected to rise steadily in the coming years.



Electric Vehicles Creating New Demand

India's ambitious EV adoption targets are creating fresh growth avenues for the plastics industry. Electric mobility requires advanced materials that are lightweight, flame-retardant, thermally stable, and electrically safe.

As EV manufacturing expands, demand is increasing for:

- * High-performance engineering polymers
- * Battery housing materials
- * Thermal management solutions
- * Lightweight structural composites
- * Charging infrastructure components
- * Wire and cable insulation systems

Battery packs, in particular, are becoming a major area for plastics innovation. Manufacturers are exploring specialized polymer compounds that can withstand heat, impact, vibration, and chemical exposure while maintaining lightweight characteristics.

The rapid growth of two-wheeler and three-wheeler EVs in India is also boosting demand for injection moulded components, battery casings, connectors, and durable lightweight body panels.

Smart Interiors and Consumer Expectations

Automotive interiors are evolving rapidly as consumers increasingly expect comfort, aesthetics, connectivity, and digital experiences inside vehicles. Plastics play a central role in enabling these advanced interior concepts. Soft-touch surfaces, ambient lighting systems, touchscreen panels, modular dashboards, and integrated electronic systems rely heavily on high-quality polymer materials. Automotive OEMs are focusing on premium cabin experiences even in mid-range vehicles, creating demand for aesthetically superior plastic applications.

Advanced polymers now allow manufacturers to achieve:

- * Better surface finishes
- * Scratch resistance
- * UV stability

* Acoustic insulation

* Integrated electronic functionality

* Enhanced design freedom

The rise of connected and autonomous vehicle technologies will further increase the use of smart plastic components embedded with sensors and electronics.

Sustainability Becoming a Key Priority

Sustainability is no longer optional for the automotive sector. Automakers worldwide are committing to carbon neutrality goals, and material selection is becoming central to ESG strategies.

This is pushing the industry towards:

- * Recyclable plastics
- * Bio-based polymers
- * Recycled-content materials
- * Circular economy manufacturing models

Indian automotive manufacturers are increasingly collaborating with polymer producers and recyclers to develop sustainable material solutions without compromising quality or safety standards. Recycled polypropylene, PET-based engineering plastics, and bio-composites are gaining attention for automotive interiors and non-structural applications. Several global OEMs are already incorporating recycled materials into vehicle interiors, door panels, carpeting, and seat fabrics.

For Indian processors, the challenge lies in developing high-quality recycled compounds that meet automotive-grade performance requirements consistently.

Growth of Advanced Manufacturing Technologies

The future of automotive plastics will also be closely linked to automation and smart manufacturing technologies. Automotive OEMs are demanding higher precision, faster production cycles, and consistent quality standards.

This is accelerating investments in:

- * Robotics and automation
- * Advanced injection moulding systems

- * Digital quality monitoring
- * AI-enabled production systems
- * Multi-material moulding technologies
- * 3D printing and additive manufacturing

India's plastics processors are gradually upgrading capabilities to meet global automotive supply chain standards. Tier-1 and Tier-2 suppliers are increasingly adopting Industry 4.0 practices to improve productivity and reduce defects. Additive manufacturing is also opening new possibilities for rapid prototyping and low-volume specialized component production, especially in EV and concept vehicle development.

Opportunities for Indian Plastic Processors

India is uniquely positioned to emerge as a major hub for automotive plastics manufacturing due to:

- * Expanding automotive production capacity
- * Strong domestic demand
- * Growing EV ecosystem
- * Government support for manufacturing
- * Availability of skilled engineering talent

Government initiatives such as "Make in India," the Production Linked Incentive (PLI) scheme, and policies supporting electric mobility are expected to strengthen domestic manufacturing capabilities further. The increasing localization of automotive components presents significant opportunities for Indian moulders, compounders, material suppliers, and toolmakers. Companies capable of delivering lightweight, sustainable, and technologically advanced solutions will gain a competitive advantage in the evolving market.

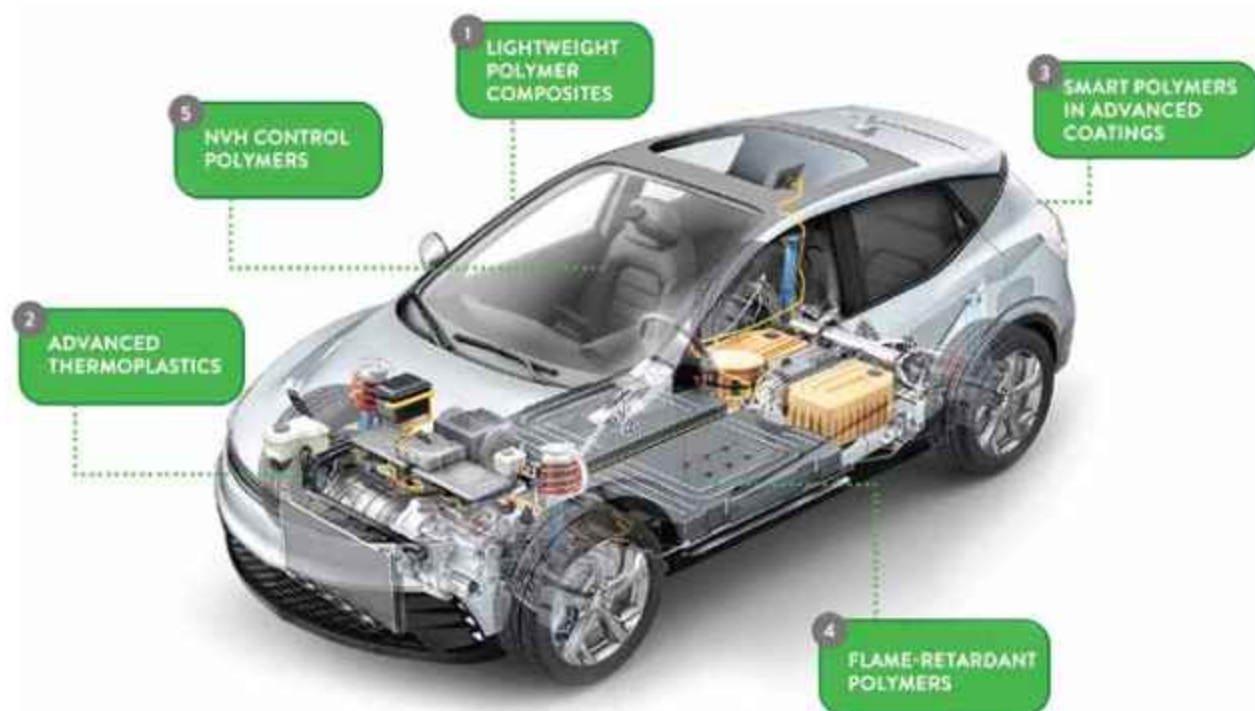
Challenges Ahead

Despite the strong growth potential, the industry also faces important challenges. Automotive applications demand extremely high quality, safety, and consistency standards. Indian processors must continuously invest in:

- * Precision tooling
- * Material innovation
- * Testing infrastructure
- * Skilled manpower
- * Sustainability compliance

Raw material price volatility and increasing environmental regulations may also impact profitability in the short term. Additionally, as global OEMs move towards circular manufacturing models, suppliers will be expected to provide traceability, recycled content validation, and lower carbon footprints across production operations.

The future of automotive plastics in India appears exceptionally promising. As mobility technologies evolve, plastics will become even more integral to vehicle innovation, energy efficiency, sustainability, and intelligent design. The next decade is likely to witness stronger collaboration between automotive manufacturers, polymer producers, recyclers, machinery companies, and research institutions. Innovation in engineering polymers, composite materials, recycling technologies, and smart manufacturing will shape the future competitiveness of the sector. For India's plastics industry, automotive applications represent far more than just a growth segment for, they represent a strategic opportunity to become a global innovation partner in the future of mobility.



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Hemant Minocha

Director, Rajiv Plastics Private Limited

”



Masterbatches Are driving the future of Automotive Plastics.

As the global automotive industry accelerates toward lightweighting, electrification, and sustainability, plastics are increasingly becoming the material of choice across vehicle interiors, exteriors, battery systems, and under-the-hood applications. This transformation is simultaneously creating new opportunities for innovative masterbatch technologies that can deliver not only colour and aesthetics, but also enhanced durability, UV protection, conductivity, recyclability, and process efficiency.

Traditionally, automotive manufacturers preferred pre-coloured compounds to ensure consistency and quality control across components. However, evolving manufacturing practices, Industry 4.0 adoption, and growing sustainability requirements are now reviving interest in advanced colour and additive masterbatches. Automotive processors are increasingly recognising that masterbatch-based colouring systems offer significant advantages in inventory management, flexibility, recyclability, and part performance. Masterbatches enable automated loading systems to feed precise colour formulations directly from central warehouses, reducing manual intervention while ensuring lot-to-lot consistency. The automotive plastics industry is entering a new phase where innovation in additive and colour technologies will play a defining role in shaping the vehicles of tomorrow.





Avinash Anand

Unimark Hi-Tech Solutions LLP

”



Injection moulding technology is rapidly evolving to meet the growing demands of modern automotive manufacturing.

Today's automotive injection moulding environment is no longer limited to producing plastic parts at high volumes. It has evolved into an intelligent, interconnected, and highly precise manufacturing ecosystem where machinery, robotics, sensors, software, and material science work together to deliver quality, efficiency, and sustainability.

For decades, the automotive sector has focused on lightweighting as a key strategy to improve fuel efficiency and reduce emissions. The rise of electric vehicles (EVs) has further accelerated this trend, as reducing vehicle weight directly contributes to extending battery range and improving overall energy efficiency. Injection moulding technologies are evolving to provide wider process windows that can accommodate fluctuations in material characteristics.

Advanced machine controls, adaptive process monitoring, and intelligent software systems are helping processors maintain consistent part quality even when working with recycled or blended materials.

Future-ready machines are expected to be more material-tolerant, capable of automatically adjusting processing conditions based on material behaviour while minimising scrap and energy consumption.





Dr. Sameer Joshi
Chairman, Indian Plastics Institute

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Sustainability Becomes a
Competitive Currency in
Automotive Supply Chains.

The global automotive industry is undergoing a profound transformation where sustainability is no longer viewed as a corporate responsibility initiative alone, but as a decisive business and procurement criterion. For Tier 1 and Tier 2 automotive suppliers, demonstrating strong Environmental, Social and Governance (ESG) credentials—particularly around recycled content, carbon footprint reduction, and circular manufacturing—is rapidly becoming essential for market access, especially with European and Japanese OEMs.

As the industry accelerates toward electrification, lightweighting, and decarbonisation, sustainability performance is increasingly influencing sourcing decisions, supplier approvals, and long-term partnerships. From a 2026 perspective, sustainability has evolved into a key competitive differentiator that can determine whether suppliers remain part of the global automotive value chain.

The automotive industry's sustainability transition is fundamentally reshaping supplier relationships and procurement priorities. From recycled plastics and carbon footprint transparency to circular economy integration and lightweight material innovation, ESG performance is now directly linked to commercial success.



➤ Additives and Compounds Powering the Future of Automotive Plastics

As electric mobility, advanced electronics, and sustainability targets continue to reshape the automotive sector, additives and compounding technologies will play a defining role in building the next generation of safer, lighter, smarter, and more circular vehicles.



The automotive plastics industry is entering a new era where materials are no longer judged merely by cost or weight reduction, but by their ability to deliver multifunctional performance, sustainability, recyclability, safety, and compatibility with next-generation electric mobility systems. As automotive OEMs accelerate the transition toward electric vehicles, lightweight engineering, and circular manufacturing, additives and compounding technologies are emerging as some of the most critical innovation drivers shaping the future of mobility. Today's automotive plastics are expected to do far more than replace metal. They must contribute to vehicle efficiency, structural integrity, thermal management, passenger safety, design flexibility, low emissions, and environmental compliance often simultaneously. This growing complexity is placing polymer compounders at the center of automotive material innovation.

Compounding Becomes a Strategic Enabler

A base polymer alone rarely satisfies the demanding performance requirements of modern automotive applications. It is the compounder who transforms conventional polymers such as polypropylene (PP), polyamide (PA), PBT, ABS, PC/ABS, TPE, and specialty engineering plastics into application-ready solutions through the intelligent integration of:

- Reinforcements
- Mineral fillers
- Impact modifiers
- Flame-retardant systems
- Stabilizer packages
- Recycled content
- Functional additives
- Processing enhancements

As automotive applications become more sophisticated, compounding technologies are evolving from simple material modification to highly engineered performance optimization.

Lightweighting Continues to Drive Material Innovation

One of the biggest opportunities for automotive additives and compounds lies in lightweighting without compromising performance. Automakers continue to reduce vehicle weight to improve fuel efficiency in internal combustion engine (ICE) vehicles and extend battery range in electric vehicles. High-performance compounded plastics are increasingly replacing metals and heavier engineering materials across a growing number of automotive applications.

Materials such as; the High-performance PP compounds, PA6 and PA66 compounds, PBT systems, PC/ABS alloys, PPS compounds, Thermoplastic elastomers (TPEs), Long-fiber thermoplastics (LFTs) are now being used in semi-structural and load-bearing applications where dimensional stability, stiffness, creep resistance, and impact performance are critical. Among the most promising segments are long-fiber thermoplastics, particularly LFT-PP and LFT-PA systems. Compared to short-fiber compounds, these materials offer superior stiffness, impact strength, dimensional stability, and structural durability.

Applications for LFT compounds are rapidly expanding across; Front-end modules, Underbody shields, Battery covers, Seat structures, Instrument panel carriers, Door modules, Brackets and housings. And for automotive OEMs, the benefit extends beyond weight reduction. Long-fiber thermoplastics also support part integration and assembly simplification, reducing manufacturing complexity and improving overall efficiency.

EVs Redefining Additive and Compound Requirements

Electric vehicles are fundamentally changing the performance expectations from automotive plastics. Traditional automotive plastics focused largely on aesthetics and lightweighting. EV platforms demand a much broader material performance envelope, including; Flame retardancy, Thermal stability, Electrical insulation, EMI shielding, Chemical resistance, Impact resistance, Dimensional precision.

As battery systems, charging infrastructure, and high-voltage electronics become central to vehicle architecture, advanced compounded materials are becoming indispensable. Battery modules, power electronics housings, busbar supports, charging connectors, thermal management systems, and sensor housings are creating significant demand for engineered compounds capable of meeting stringent safety and thermal requirements.

For example, Tipco Group through its Autotech-Sirmax operations is already offering halogen-free flame-retardant polypropylene compounds designed for EV battery covers, trays, lids, and enclosures with UL94 V-0 performance ratings depending on grade and thickness.

The future growth of EVs will also accelerate demand for:

- Thermally conductive compounds
- Electrically conductive materials
- Anti-static compounds
- Low-smoke flame-retardant systems
- High-CTI and glow-wire resistant materials

As vehicles become more electronic and connected, plastics will increasingly perform active functional roles rather than merely structural ones.

Regulations Reshaping Material Development

Global automotive regulations are rapidly influencing how automotive compounds are designed and selected. The European Union's evolving End-of-Life Vehicle (ELV) framework is pushing OEMs and suppliers toward stronger circularity targets and mandatory recycled-content integration. Proposed regulations increasingly require automotive plastics to contain higher levels of recycled material while maintaining full performance compliance.

This shift is transforming OEM material specifications. In addition to conventional requirements such as tensile strength, HDT, shrinkage, and impact resistance, compounders are now expected to provide:

- Recycled-content data
- Carbon footprint information
- Material traceability
- Chemical compliance documentation
- Recyclability compatibility

Interior air quality standards are also becoming stricter. Automotive OEMs are tightening VOC and fogging requirements for plastics used inside vehicle cabins. This is further driving demand for, Low-VOC additives, Cleaner stabilizer systems, Controlled recycled-content formulations, Improved odor-management technologies.

Chemical regulations are similarly reshaping flame-retardant technologies. The industry is gradually moving toward halogen-free, lower-smoke, PFAS-conscious flame-retardant systems with improved recyclability and reduced toxicity profiles.

Sustainability and Circularity Gain Momentum

Sustainability is becoming one of the strongest innovation drivers in automotive plastics compounding. OEMs globally are committing to lower carbon footprints, higher recycled-content integration, and circular economy manufacturing models. Companies such as BMW and Mercedes-Benz are already integrating secondary materials, renewable carbon solutions, and sustainable polymers into future vehicle platforms, creating major opportunities for:

- Recycled-content compounds
- Bio-based polymers
- Natural-fiber composites
- Low-carbon additive systems
- Circular-ready material platforms

However, the challenge for compounders is maintaining performance consistency while integrating sustainable feedstocks. Recycled materials must still meet stringent automotive requirements related to:

- Mechanical properties
- VOC performance
- Color consistency
- Odor control
- Long-term aging
- Safety validation

Now this is where advanced compounding technologies become essential. Through stabilization systems, compatibilizers, deodorization technologies, and additive engineering, compounders are improving the reliability and usability of recycled polymer streams for demanding automotive applications.

Smart Materials and Functional Compounds

Another major innovation trend over the next five years will be functional materials capable of performing multiple roles simultaneously. Moreover, thermally conductive compounds are gaining importance in: Battery modules, Motor controllers, LED systems, Electronic housings

While the electrically conductive and anti-static compounds are increasingly being used for: Shielding applications, Grounding systems, Sensor integration, and electronic protection. As vehicles become smarter and more electronically integrated, automotive plastics will evolve into intelligent functional systems rather than passive components.

The Road Ahead

The future of automotive plastics will be shaped not only by polymer selection, but by how effectively additives and compounding technologies can balance:

Lightweighting, Performance, Sustainability, Cost efficiency, Regulatory compliance along with Circularity.

The industry is rapidly moving toward a future where every compound must be engineered not just for processing and performance, but also for recyclability, carbon reduction, traceability, and end-of-life recovery. For automotive compounders, this represents both a major challenge and a transformative growth opportunity.

"One of the strongest innovation trends over the next five years will be the use of long-fiber thermoplastics such as LFT-PP and LFT-PA6 for replacing metal in selected automotive applications. These materials offer a strong balance of lower density, high stiffness, impact strength, dimensional stability, corrosion resistance, and design flexibility."



Ankur Betal, Director,
Autotech- Sirmax India Pvt Ltd.



➤ Automotive Plastics Industry Reinvents Supply Chains Amid Global Resin Price Volatility

Indian automotive plastics processors shift from 'Reactive Supply Management' to 'Resilience-Driven' Manufacturing Strategies



The Indian automotive plastics industry is undergoing a significant structural transformation as global resin price volatility continues to disrupt supply chains, impact margins, and challenge manufacturing predictability.

What was once viewed as a temporary procurement issue has now evolved into a long-term strategic concern, forcing manufacturers to fundamentally redesign sourcing models, inventory strategies, material engineering practices, and supplier ecosystems.

Over the past few years, fluctuations in crude oil prices, geopolitical conflicts, freight disruptions, petrochemical shutdowns, and supply bottlenecks have exposed the vulnerabilities of globally interconnected resin supply chains. Automotive plastics manufacturers, heavily dependent on engineering polymers, polypropylene compounds, and specialty materials, have been particularly affected due to the sector's stringent quality and qualification requirements.

Today, Indian automotive plastics processors are moving beyond reactive disruption management and embracing a broader resilience-driven manufacturing philosophy. The focus is shifting from purely "cost-optimized just-in-time" systems to more balanced and adaptive supply-chain ecosystems capable of withstanding prolonged market uncertainty.

Multi-Sourcing Replacing Single-Source Dependency

One of the most notable structural changes is the aggressive move towards multi-sourcing strategies. Automotive plastics manufacturers are increasingly avoiding dependence on a single resin producer, a single country, or one logistics corridor.

Traditionally, many automotive supply chains relied heavily on China-linked sourcing ecosystems due to cost competitiveness and scale advantages. However, recent global disruptions have demonstrated the risks associated with concentrated sourcing models.

Manufacturers are now simultaneously evaluating resin suppliers across India, the Middle East, Southeast Asia, and other regional markets to diversify procurement risks. This shift is especially important for automotive programs where any interruption in resin availability can halt production lines and disrupt OEM supply commitments.

Industry experts believe supplier redundancy is no longer viewed merely as an operational backup but as a strategic competitive advantage.

Localization Driving Long-Term Stability

Another major trend reshaping the industry is the localization and regionalization of resin ecosystems. Indian OEMs and Tier-1/Tier-2 automotive plastics



Soham Paul, General Manager
Shri Sai Baba Petroleum

"Indian automotive plastics manufacturers are no longer treating resin-price shocks as isolated procurement problems; they are reforming their operating architecture around structural resilience. The shift is from 'cost-optimized just-in-time' models towards 'risk-balanced', flexible supply ecosystems," says Soham Paul, GM Shri Sai Baba Petroleum, prominent Gujarat-based trading, distribution, and industrial supply company primarily known for supplying polymers, lubricants, and synthetic coal tar products.



manufacturing teams to respond more proactively to market shifts rather than reacting after disruptions occur.

Long-Term Contracts and Hedging Strategies

Another emerging trend is the increasing use of long-term procurement agreements and hedging mechanisms to stabilize pricing and improve cost visibility. Instead of relying heavily on spot-market purchases, processors are gradually embracing:

- Annual resin contracts
- Indexed pricing models
- Forward procurement agreements
- Commodity hedging strategies

These mechanisms help reduce earnings volatility while offering better pricing predictability to automotive OEMs operating under long-term production contracts.

Resilience Becomes a Competitive Advantage

The Indian automotive plastics industry is progressively

recognizing that supply-chain resilience is no longer merely an operational safeguard but it has become a strategic differentiator. Manufacturers capable of ensuring: Supply continuity, Supplier redundancy, Material qualification flexibility, regional sourcing capability, and adaptive manufacturing systems, will increasingly enjoy stronger competitive positioning in the evolving automotive market.

As electric mobility, lightweighting, sustainability, and advanced manufacturing reshape the future of automobiles, resin procurement strategies are becoming deeply integrated into overall business planning and risk management. The future competitive edge will belong to automotive plastics manufacturers that successfully combine expanded sourcing networks, material adaptability, localized ecosystems, and digitally intelligent supply-chain structures. In many ways, resilience itself is now becoming one of the most valuable materials in the automotive plastics industry.

manufacturers are increasingly preferring domestically available polymer grades and compounds to reduce import dependency and improve supply continuity.

The localization in a way perhaps pushes to minimize: Shipping volatility, Foreign exchange exposure, long lead times, Freight cost instability. This "India-plus-regional" sourcing strategy is becoming highly visible across several material categories, including: Polypropylene compounds, Recycled engineering plastics, Thermoformable composite sheets, EV lightweight materials.

One could say, rather than simply increasing inventory buffers, the industry is structurally shortening supply chains to create more responsive and regionally integrated manufacturing ecosystems.

The Rise of "Just-in-Case" Manufacturing

The automotive industry historically operated on highly optimized just-in-time inventory systems designed to reduce working capital and improve efficiency. However, recurring global disruptions have weakened confidence in this approach. Automotive plastics processors are now adopting "just-in-case" strategies to safeguard production continuity. Thus most of the Companies are building: Strategic resin reserves, Safety stock for critical grades, Regional warehousing hubs, Forward procurement contracts.

This transition reflects a broader realization that uninterrupted supply has become more valuable than maximum inventory efficiency. For many processors, maintaining buffer inventories of critical engineering plastics is now considered essential for protecting OEM relationships and ensuring manufacturing stability during periods of market turbulence.

Material Flexibility Becoming a Core Strategy

In response to resin volatility, automotive plastics manufacturers are also redesigning components and tooling systems to accommodate greater material flexibility. Instead of qualifying a single imported resin grade for a component, companies are increasingly working upon, Approving substitute materials, Broadening resin specifications, Re-engineering tooling for alternate compounds and increasing compatibility with recycled content.

This engineering flexibility actually allows manufacturers to switch between suppliers and resin families more efficiently without compromising performance standards or production timelines. The approach is particularly relevant in electric vehicle applications, where lightweight materials and advanced polymer compounds continue to evolve rapidly.

Recycled and Bio-Based Polymers Gain Strategic Importance

The growing adoption of recycled and bio-based polymers

is no longer being driven solely by sustainability goals. Increasingly, these materials are being viewed as tools for supply-risk diversification and long-term sourcing stability. Automotive plastics manufacturers are actively evaluating:

- Post-consumer recycled (PCR) polypropylene
- Recycled nylons
- Sustainable engineering compounds
- Bio-based polymer alternatives

The strategic rationale is clear: a, Reduce dependence on virgin resins, b) Diversify feedstock origins, and c) Minimize exposure to crude-linked pricing volatility.

As global automotive OEMs continue to strengthen ESG and circular economy commitments, recycled-content integration is expected to become an even more important component of future automotive plastics programs.

Digital Intelligence and Risk Surveillance

Leading automotive companies are also institutionalizing advanced commodity intelligence and digital risk-monitoring systems to anticipate disruptions before they escalate. Manufacturers are increasingly using:

- Commodity risk mapping
- Supplier vulnerability analysis
- Logistics monitoring platforms
- Geopolitical intelligence systems
- Real-time procurement dashboards

For instance, companies like Mahindra & Mahindra have reportedly strengthened granular risk surveillance across supplier networks, logistics exposure, and commodity dependencies through live intelligence monitoring mechanisms. Such systems enable procurement and



Engineering the Next Circular Mobility Ecosystem

Recyclability is no longer an afterthought, but a core engineering principle shaping next-generation automotive plastic components

India's automotive plastics industry is entering a defining phase where sustainability, recyclability, advanced materials, and digital manufacturing are rapidly converging to reshape the future of mobility. What was once a sector focused primarily on lightweighting and cost optimization is now evolving into a technology-driven ecosystem centered around circularity, electric mobility, supply chain resilience, and ESG-led manufacturing.

As India strengthens its Extended Producer Responsibility (EPR) framework under the Plastic Waste Management Rules and global automotive OEMs tighten sustainability expectations, automotive plastics manufacturers are increasingly redesigning products, materials, and manufacturing systems to align with circular economy principles.



The shift is no longer about managing waste after production. It is about embedding recyclability and recoverability directly into component engineering itself.

Circular Design Replacing Traditional Waste Management

The industry's approach toward recycling is undergoing a fundamental transformation. Progressive automotive plastics companies are moving beyond compliance-



Suresh Anand Rao, DGM,
Subhasri Pigments Pvt Ltd.

"India's Extended Producer Responsibility (EPR) framework under the Plastic Waste Management Rules has shifted the conversation from 'waste collection' to 'material circularity.' Progressive automotive plastics companies are now integrating recyclability into the product development stage itself rather than treating waste management as a post-production obligation."





driven waste collection models and integrating circular design principles at the product development stage itself.

Industry estimates suggest that nearly 12–18 percent of the plastic used in passenger vehicles in India can technically be recycled back into automotive or industrial applications provided components are designed appropriately for recovery and reuse.

The challenge today is not simply recyclability, but recoverability. To address this, manufacturers are adopting several structural changes like say, Mono-material architectures using single-family polymers such as polypropylene-based systems, followed by Design-for-disassembly (DfD) concepts utilizing snap-fits and reversible joints instead of permanent adhesives, Digital material passports carrying polymer and additive identification data and Increased integration of post-consumer recycled (PCR) materials.

Mono-material design strategies are particularly gaining momentum because they simplify sorting and improve recycling efficiency significantly. Automotive processors are also redesigning tooling systems, pigments, fillers, and compatibilizers to ensure that plastic components remain recyclable through multiple life cycles.

The long-term industry vision is the development of “closed-loop automotive plastics,” where components such as bumpers, trims, and battery casings from end-of-life vehicles are mechanically or chemically recycled back into automotive-grade polymers.

EV Revolution Driving Advanced Polymer Innovation

The rapid growth of electric vehicles is dramatically

redefining polymer engineering priorities across the automotive sector. Unlike conventional vehicles where plastics largely focused on aesthetics and weight reduction, EV platforms require materials capable of delivering: Flame retardancy, Thermal conductivity, Electrical insulation, EMI shielding, Structural rigidity and Chemical resistance. Globally, engineering plastics demand in electric vehicles is expected to grow at nearly 12–15 percent CAGR through 2030, creating substantial opportunities for material innovation.

Also advanced polymer applications are expanding rapidly across: i) Battery enclosure, ii) Thermal management systems, iii) Busbars & connectors, iv) Lightweight structural components, and v) Low-VOC EV interiors. Materials such as flame-retardant polypropylene compounds, polyamide systems, PPS, PBT, LCP, and thermally conductive engineering polymers are increasingly becoming critical for EV architectures.

While India still depends heavily on imports for specialty resins including PEEK, PPS, LCP, and high-end conductive compounds, domestic capabilities are improving steadily through joint ventures, localization initiatives, toll compounding, and PLI-driven EV investments. Indian compounders are already producing competitive Glass-filled nylon systems, Flame-retardant PP compounds and Mineral-filled engineering plastics.

However, gaps still remain in Specialty additives, Thermal conductive systems, Functional fillers, and High-purity battery polymers. Industry experts believe that with aggressive investments in petrochemicals, specialty chemicals, and R&D infrastructure, India can realistically



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emerge as a regional hub for EV polymer compounding within the next five to seven years.

Supply Chain Resilience Becoming Strategic Priority

Global resin price volatility since 2020 has exposed significant vulnerabilities across automotive plastics supply chains. Sharp fluctuations in polypropylene and polyethylene pricing, freight disruptions, and energy-linked polymer cost escalations have forced Indian processors to fundamentally rethink procurement strategies. The industry is now transitioning from reactive supply-chain management toward "risk-engineered procurement ecosystems."

Key structural changes include; multi-source procurement across India, ASEAN, Korea, and the Middle East, b) Strategic buffer inventories and regional warehousing, c) Backward integration into compounding and masterbatch production, d) Increased recycled polymer integration and e) Long-term index-linked procurement contracts. Processors increasingly recognize that supply continuity, supplier redundancy, and material flexibility are now competitive advantages rather than merely operational safeguards.

Industry 4.0 Transforming Automotive Plastics Manufacturing

Automation and digital manufacturing technologies are rapidly reshaping shop-floor operations within automotive plastics processing. The biggest contribution of Industry 4.0 is not simply automation, it is process predictability and quality consistency.

Technologies already delivering measurable impact include, AI-driven vision inspection systems, Predictive maintenance platforms, Smart molding analytics, Energy monitoring systems and, Digital twins for mold optimization.

AI-enabled molding systems now monitor cavity pressure, melt flow behavior, warpage, dimensional drift, and flash formation in real time, allowing processors to prevent defects before they occur.

Earlier limited to large multinational Tier-1 suppliers, cloud-based SaaS manufacturing platforms have now made Industry 4.0 technologies increasingly accessible to mid-sized Indian processors as well. Today, even medium-scale molders can deploy an IoT machine monitoring followed by Cloud-based dashboards, AI-assisted QC systems along with Predictive maintenance modules at relatively affordable investment levels. The next evolution is expected to involve "self-correcting molding systems" where AI feedback loops autonomously optimize process parameters.

India's Hidden Challenge: Process Consistency

Despite strong growth prospects, the industry still faces a critical hidden barrier preventing India from becoming

a major global automotive plastics export hub. According to experts the issue is not labor cost competitiveness. The real challenge lies in achieving global-level material consistency, traceability, process reproducibility, and validation discipline.

While International OEMs evaluate suppliers based on, Dimensional stability, VOC performance, Weatherability, Statistical quality repeatability, Traceability systems, and Long-term validation data, Indian suppliers often perform strongly during prototyping but struggle with large-scale process discipline and documentation consistency.

To emerge as a global technology supplier rather than simply a cost supplier, India must strengthen on certain aspects like developing a) Specialty material ecosystems, b) Precision tooling capability, c) Polymer testing infrastructure, d) Metrology systems, e) Skilled process engineering talent, f) Global certification alignment and g) Sustainability Becoming a Commercial Differentiator

The automotive plastics sector is also witnessing a gradual shift from compliance-driven ESG practices toward commercially differentiated sustainability strategies. While cost, delivery, and quality remain primary procurement drivers today, global OEMs are increasingly incorporating the Product Carbon Footprint (PCF) metrics along with Recycled-content capability, Renewable energy integration, Closed-loop manufacturing systems and Carbon disclosure transparency into supplier evaluations.

Some International OEMs are already assigning ESG-related scoring weightages during supplier qualification processes. As carbon accounting becomes increasingly integrated into procurement decisions, sustainability will evolve from a compliance requirement into a direct competitive differentiator.

India's automotive plastics industry stands at the intersection of mobility transformation, sustainability, recycling innovation, and advanced manufacturing.

Electric vehicles, circular economy mandates, ELV regulations, and digital manufacturing technologies are collectively reshaping the industry's future direction. The companies that will lead the next decade are unlikely to be those competing solely on cost. Instead, leadership will belong to processors capable of combining, Circular material design, Advanced polymer innovation, Resilient sourcing ecosystems, Smart manufacturing, ESG-led operations and above all, Global quality consistency.

As the automotive industry transitions toward cleaner, smarter, and more recyclable mobility systems, plastics are poised to play a defining role in building India's next-generation circular automotive economy.

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Recycle or Repurpose Polymer

– Key Learnings And Current Challenges



As sustainability moves to the forefront of the plastics industry, the debate around whether to recycle or repurpose polymers has gained renewed importance. Industries across packaging, automotive, infrastructure, and consumer goods are exploring innovative ways to extend the lifecycle of plastic materials while reducing environmental impact. However, despite rapid technological advancements, significant challenges remain in collection, segregation, contamination control, economics, and scalability. Understanding the key learnings from current recycling and repurposing practices is essential for building a truly circular polymer economy that balances performance, sustainability, and commercial viability.

Everyone talks about polymer recycling as a way to reduce landfill waste and improve sustainability. In many developed countries, governments have mandated the use of 20–30% recycled content in plastic moulded components to support circular economy goals.

Today, two major categories of recycled polymers are in demand:

- Post-Industrial Recycled (PIR) Material
- Post-Consumer Recycled (PCR) Material

The most commonly recycled polymers currently used are:

- Polypropylene (PP)
- Low-Density Polyethylene (LDPE)
- Nylon 6 (PA6)
- ABS

However, whenever the word recycled polymer comes into discussion, end users generally expect a price reduction.

For example:

Prime PP price = ~Rs. 100/kg

Recycled PP (black grade) expected price = Rs. 60–70/kg

Near-natural recycled grades = Rs. 85–95/kg

Currently, many users are adopting recycled polymers primarily to reduce part cost rather than evaluating the overall performance of the final component throughout its life cycle.

Key Reality of Recycled Polymers

Whenever a polymer is recycled, there is always some variation in:

- Mechanical properties
- Thermal properties
- Flow characteristics (MFI)
- Moisture absorption
- Contamination level

This variation becomes even more challenging when material originates from mixed sources.

Current Industry Constraint – Consistency of Recycled Material

One of the biggest challenges in recycled polymers today is material consistency.

Unlike virgin polymers, recycled materials often suffer from:

- Variation in raw material source
- Mixed polymer streams



Dr . Atulkumar Raja, Vice President
Engineered Plastics (Compounding) - Jyoti World

- Inconsistent filler content
- High moisture variation
- Metal contamination
- Batch-to-batch inconsistency

A recycler may provide a material with good properties in one batch, but the next lot may perform differently due

to changes in scrap source. This challenge becomes even more critical in engineering polymers such as Nylon 6, where dimensional stability and mechanical performance are extremely important. Since I have been closely working on recycled polymers, their properties, and performance, I would like to share one practical example based on Recycled Nylon 6 Black.

Nylon 6 Recycled Material – Practical Observation

Recycled Nylon 6 black may originate from either PIR or PCR material, but it is often difficult to verify the actual composition unless purchased from an organized recycler with proper traceability.

Sr No.	Properties	Method	Unit	Typical Values	Sample 1	Sample 2	Sample 3
1	MFI Gm/10min (235°C/2.16kg)	ASTM D -1238	Gm/10min	20	30	27	10
2	Moisture content	INTERNAL	%	<0.2	0.22	0.3	0.24
3	Density	ASTM D -792	gm/cc	1.14	1.124	1.128	1.127
4	Izod Impact (Notched)	ASTM D -256	Kg.cm/cm	4	5	4	4
5	Filler content	ASTM D -5630	%	1	1.5	2.5	4
6	Tensile Strength	ASTM D -638	Mpa	70	44	42	53
7	Elongation at Break	ASTM D -638	%	5	8	5	5
8	Flexural Strength	ASTM D -790	Mpa	90	75	78	85
9	Flexural Modulus	ASTM D -790	Mpa	2200	2100	2000	2225
10	Metal particle			0.01%	0.05%	1.10%	0.35%
11	Visual Inspection			Black	Black	Black	Black

Typically, good-quality recycled Nylon 6 exhibits:

- Tensile Strength: 60–65 MPa
- Impact Strength: 4–5 kg.cm/cm
- Filler Content: <1%

Lower-cost recycled Nylon 6 generally shows:

- Tensile Strength: 45–60 MPa
- Impact Strength: 4–6 kg.cm/cm
- Filler Content: 1–5%

For comparison:**Virgin Nylon 6 (2.7 RV) typically provides:**

- Tensile Strength: ~70 MPa
- Impact Strength: ~4 kg.cm/cm

Key Learnings from Sample Analysis

After evaluating multiple recycled Nylon 6 samples, several practical observations emerged: Every sample showed different mechanical and rheological performance

Major concerns observed:

- Tensile and flexural properties varied significantly
- Moisture content differed supplier to supplier
- Metal contamination varied widely
- PCR-based material generally showed higher ash and contamination levels

Higher density and filler content often indicate:

- Mixing of filled and unfilled material
- Combination of PJR + PCR streams
- Use of mineral-filled or gas-filled scrap

Sr No.	Properties	Method	Unit	Typical Values	Sample 4	Sample 5	Sample 6
1	MFI Gm/10min (235°C/2.16kg)	ASTM D -1238	Gm/10min	20	2.3	No Flow	12
2	Moisture content	INTERNAL	%	<0.2	1.8	1.6	2
3	Density	ASTM D -792	gm/cc	1.14	1.210	1.218	1.143
4	Izod Impact (Notched)	ASTM D -256	Kg.cm/cm	4	4.4	4	5.2
5	Filler content	ASTM D -5630	%	1	13	13.5	2.4
6	Tensile Strength	ASTM D -638	Mpa	50	70	75	54
7	Elongation at Break	ASTM D -638	%	5	5	5.5	5
8	Flexural Strength	ASTM D -790	Mpa	90	150	155	86
9	Flexural Modulus	ASTM D -790	Mpa	2200	4600	4500	1930
10	Metal particle			0.01%	Found Metal Particles	Found Metal Particles	Found Metal Particles 0.2%
11	Visual Inspection			Black	Mix glass filled granules	Mix glass filled granules	Mix glass filled granules

In several cases, recycled material with high filler content is also being used for producing Nylon 6 GF30 compounds to reduce glass fibre loading and lower cost.

Automotive Sector – Reality vs Expectation

The automotive industry is rapidly moving toward

sustainable material adoption, and many OEMs now encourage the use of recycled polymers to meet sustainability goals and ESG commitments.

However, the biggest concern for automotive applications is consistency.

Automotive components require:

- Consistent mechanical properties
- Dimensional stability
- Heat resistance
- Long-term durability
- Process consistency
- Lot-to-lot repeatability

A minor variation in recycled material may lead to:

- Warpage issues
- Higher shrinkage variation
- Reduced mechanical strength
- Surface defects
- Part rejection at OEM level

Therefore, most automotive applications currently prefer:

Controlled PIR material or certified organized recyclers instead of unorganized recycled streams.

In many automotive applications, recycled content is introduced through:

- Controlled blending with virgin polymer
- Non-safety critical applications
- Under-the-hood non-structural components
- Interior and concealed parts

Important Technical Observations

- No-flow MFI often indicates excessive filler loading or contamination

- Higher density suggests mineral or glass-filled content
- High moisture impacts processing and mechanical performance
- Metal contamination remains a major concern in recycled streams

Final Thought

Everything depends on the end-use application requirement.

Recycled polymer should never be selected only based on price advantage. It must be evaluated based on:

- End-use performance
- Mechanical properties
- Thermal performance
- Contamination level
- Processing consistency
- Desired specification
- Long-term reliability

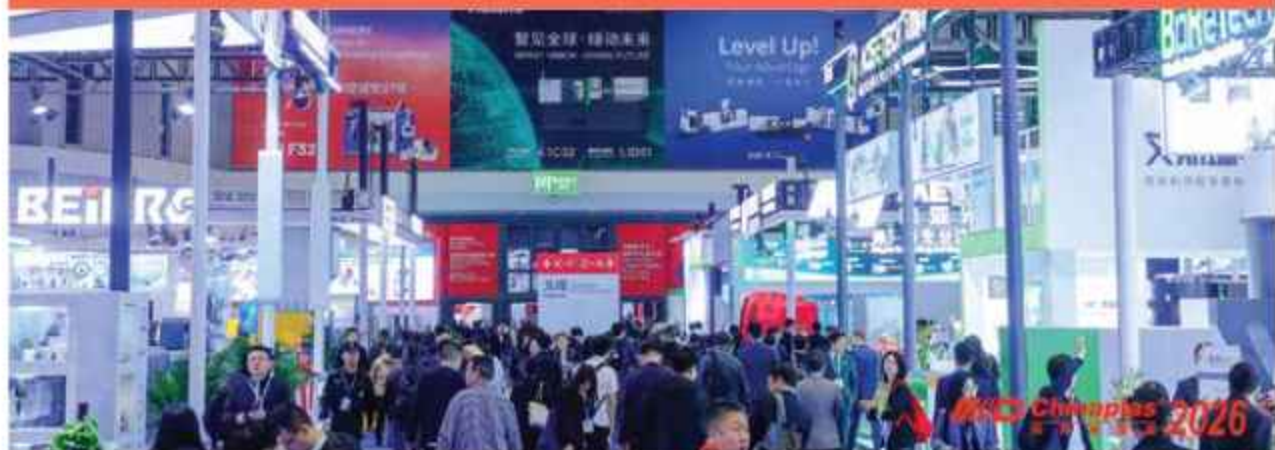
To provide reliable recycled products, the industry must move toward organized recycling systems with clear specifications, traceability, and performance validation.

Sustainability is important but consistency, performance, and reliability are equally critical, especially for engineering and automotive applications.



CHINAPLAS 2026 Concludes Setting New Benchmarks in Global Plastics and Rubber Industry

The 38th edition of ChinaPlas at the National Exhibition and Convention Center (NECC) in Hongqiao, Shanghai, PR China witnessed over 5,000 global suppliers a significant 24.53 percent increase over the previous edition



The CHINAPLAS 2026 concluded on April 24, 2026, after four days of remarkable business activity, technological innovation, and global networking at the National Exhibition and Convention Center (NECC), Shanghai. Widely regarded as one of the world's most influential trade fairs for the plastics and rubber industry, the exhibition once again reinforced its standing as a critical platform for the future of advanced manufacturing, sustainability, and smart industrial solutions.

This year's edition delivered record-breaking participation figures, underlining the strong momentum currently driving the global plastics and rubber sector. The event attracted an unprecedented 350,189 visitors from across the globe, marking a significant 24.53 percent increase over the previous edition. The surge in attendance reflected renewed industry confidence, accelerated investment activity, and growing international demand for innovative manufacturing technologies and sustainable material solutions.

One of the standout highlights of CHINAPLAS 2026 this year's was the sharp rise in international participation. According to inputs more than 86,400 overseas visitors attended the exhibition, representing a remarkable 26.11 percent growth compared to the previous year. Delegations from Asia, Europe, the Middle East, Africa, and the Americas converged in Shanghai to explore new partnerships, sourcing opportunities, and technological collaborations.

The exhibition halls witnessed intense business engagement as machinery manufacturers, raw material suppliers, automation specialists, recycling technology providers, and solution developers showcased their latest innovations. Industry professionals noted that the strong overseas turnout reaffirmed China's continuing importance as a global manufacturing hub and a strategic marketplace for plastics processing technologies.

Sustainability emerged as the defining theme of CHINAPLAS 2026, with exhibitors placing significant emphasis on circular economy practices and environmentally responsible manufacturing.

Across multiple halls, companies unveiled cutting-edge recycling systems, biodegradable materials, recycled polymer innovations, and energy-efficient production technologies designed to help manufacturers reduce carbon emissions and improve resource utilization.

The exhibition prominently featured circular economy solutions aimed at transforming how plastics are produced, processed, used, and recycled. Advanced mechanical and chemical recycling technologies drew strong attention from converters and brand owners seeking scalable solutions for post-consumer waste management. Sustainable packaging materials, bio-based polymers, and recycled-content applications were among the most discussed product categories during the event.

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Over 5,000 global suppliers participated in CHINAPLAS 2026. The prominent exhibitors can be categorized by their industrial sectors.

Chemicals and Raw Materials

- **SABIC:** Featured advanced material portfolios for clean energy, smart devices, and transport solutions under the theme "Reaching New Heights Together".
- **BASF:** Showcased extensive high-performance polymers and innovative circular economy solutions.
- **DuPont:** Provided advanced materials engineered for specialized electronics and automotive components.
- **Covestro:** Displayed highly sustainable, recycled-content polycarbonate materials.
- **ExxonMobil:** Introduced next-generation performance polymers designed to maximize plastic packaging recyclability.
- **Dow Chemical:** Highlighted bio-based resins and eco-friendly raw chemical formulations.

Plastics Machinery and Automation

- **Haitian:** Demonstrated intelligence-driven, energy-efficient injection molding systems.
- **Engel:** Brought specialized machinery setups optimized for automotive and medical packaging parts.
- **Husky:** Unveiled high-output injection molding systems built for mass consumer packaging.
- **Jwell:** Exhibited heavy-duty extrusion lines alongside precision sheet manufacturing units.
- **ABB:** Presented automated robotic technologies built to streamline plastic manufacturing plants.
- **Coperion:** Showcased compound industrial machinery engineered specifically for mechanical plastics recycling.

A major focus was also placed on industrial energy-saving technologies. As manufacturers worldwide continue to face rising energy costs and stricter environmental regulations, exhibitors showcased highly efficient extrusion systems, low-energy injection moulding machinery, intelligent heating solutions, and next-generation process optimization technologies. Many of these innovations demonstrated how smart manufacturing can simultaneously enhance productivity while lowering operational costs and environmental impact.

Automation and intelligent manufacturing represented another key pillar of the exhibition. CHINAPLAS 2026 highlighted the increasing integration of robotics, artificial intelligence, digital monitoring systems, and smart factory solutions within plastics processing operations. Live demonstrations of automated production lines attracted large audiences, illustrating how manufacturers are embracing Industry 4.0 technologies to improve precision, consistency, and production efficiency.

The growing adoption of smart plastic solutions also reflected the industry's broader transition toward digital transformation. Exhibitors presented intelligent materials, sensor-integrated plastic components, advanced data-driven manufacturing platforms, and connected production ecosystems capable of real-time performance monitoring and predictive maintenance. These developments underscored the evolving role of plastics in sectors such as automotive, electronics, medical devices, packaging, and consumer goods.

Industry observers noted that CHINAPLAS 2026 successfully captured the changing priorities of the global manufacturing landscape. Beyond showcasing machinery and raw materials, the exhibition increasingly served as a platform for strategic discussions on sustainability, supply chain resilience, decarbonization, and future-ready manufacturing practices.

The event also provided significant networking and knowledge-sharing opportunities through technical seminars, innovation forums, and business matchmaking sessions. Experts from across the plastics and rubber value chain exchanged insights on regulatory developments, market trends, recycling infrastructure, green materials, and emerging applications. These discussions reflected the industry's growing commitment to balancing economic growth with environmental responsibility.

For Asian manufacturers in particular, CHINAPLAS continues to serve as a critical gateway to international markets and technology partnerships. The strong international participation seen this year is expected to create new opportunities for exports, joint ventures, and technology transfer across the region.

As the industry moves toward a more sustainable and digitally connected future, CHINAPLAS 2026 demonstrated that innovation remains at the heart of industrial progress. From smart automation systems and energy-efficient machinery to circular economy technologies and sustainable materials, the exhibition offered a comprehensive glimpse into the next generation of plastics manufacturing.

With record attendance, heightened international engagement, and a clear focus on sustainability-driven innovation, CHINAPLAS 2026 has once again established itself as a premier global platform shaping the future direction of the plastics and rubber industry.



➤ Plastindia Foundation Marks Global Presence at Chinaplas 2026



The Plastindia Foundation stall at Chinaplas 2026 was inaugurated by Dr Raju Desai, Vice President, Plastindia Foundation.

The inauguration marks a significant milestone in strengthening the Foundation's global presence within the plastics and manufacturing ecosystem. It reflects our continued commitment to fostering international collaboration and industry engagement.

Through this platform, Plastindia Foundation aims to showcase India's capabilities and innovation to a global audience. We look forward to meaningful interactions and opportunities emerging from this participation.

➤ Expanding Global Industry Relations at Chinaplas 2026

Dr. Raju Desai, Vice President, Plastindia Foundation, met with Mr. Thomas Franken, Director – Plastics & Rubber, Messe Düsseldorf, reinforcing a shared vision for stronger international collaboration within the plastics industry.

Such interactions underline Plastindia Foundation's ongoing efforts to build strategic global alliances, exchange industry insights, and enhance its presence across leading international markets.





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➤ Strengthening International Partnerships

At Chinaplas 2026, Dr. Raju Desai, Vice President, Plastindia Foundation, met with Mr. Thorsten Kühmann, Secretary General, EUROMAP, and Mr. Mario Maggiani, AMAPLAST, Italy, strengthening ties with key global stakeholders.

A step forward in Plastindia Foundation's journey to build stronger international collaborations and shape the future of the plastics industry together.



➤ Plastindia Foundation Strengthens Global Ties Through Strategic Leadership Meetings with Adsale



Dr. Raju Desai, Vice President, Plastindia Foundation met Mr. Stanley Chu, Chairman, Adsale Exhibition Services Ltd.

He subsequently met Ms. Rita Chu, Vice Chairperson, Adsale, along with senior leadership including Ms. Ada Leung, General Manager, Ms. Samantha, Director – Sales, and Mr. Anick Li, Senior Marketing Consultant, Jingshuo Technology.

These engagements reflect Plastindia Foundation's continued commitment to strengthening global partnerships, fostering meaningful industry dialogue, and expanding its presence across key international markets.



➤ Plastindia Foundation's Commitment to the Plastics Industry and to India doesn't stop at the Exhibition Floor

Plastindia Foundation's commitment to the plastics industry and to India doesn't stop at the exhibition floor.

In a significant meeting today, our NEC Chairman - PLASTINDIA 2026, Shri Alok Tibrewala, connected with the Honorable Chief Minister of Delhi, Smt. Rekha Gupta, and the Honorable Mayor of Delhi, Shri Parvesh Wahi, reinforcing our shared vision for sustainability, circular economy practices, responsible plastic usage, and a stronger recycling ecosystem for India.

The commitment and journey that began at PLASTINDIA 2026 continues, with purpose and momentum.



➤ Plastindia Foundation Proudly Joins IIP's Diamond Jubilee Celebration

Plastindia Foundation was proud to be part of the Diamond Jubilee Celebration of the Indian Institute of Packaging - a landmark institution that has shaped packaging standards, innovation and excellence in India for six decades.

Dr. Raju Desai, Vice President, Plastindia Foundation, graced the celebration as Guest of Honour, in the esteemed presence of Chief Guest Shri Jitin Prasada Ji, Hon'ble Minister of State for Commerce & Industry and MEITY, Government of India.

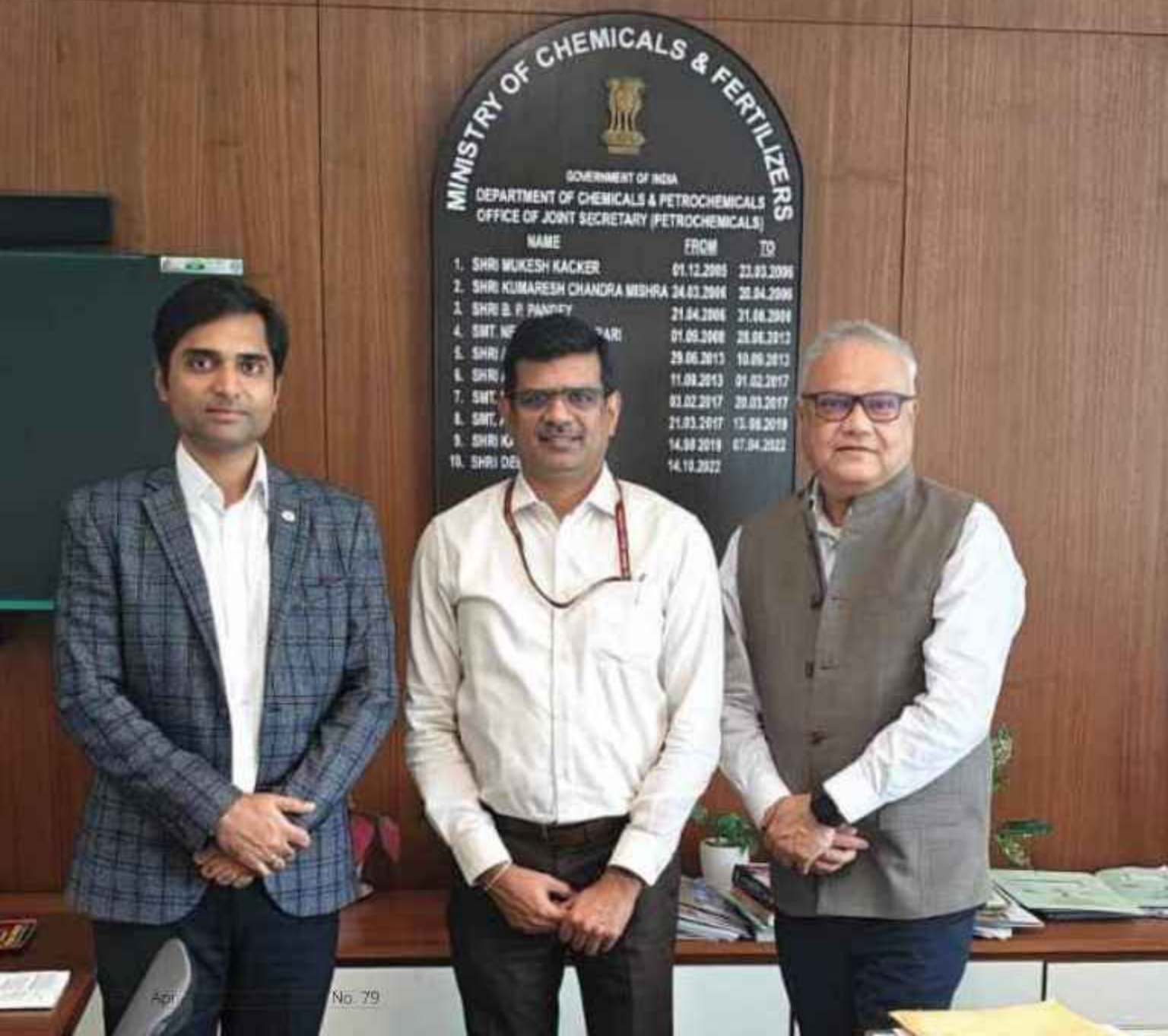
Congratulations to the IIP family on this incredible milestone. Plastindia Foundation remains a proud partner in advancing the future of packaging and plastics in India. Together, let us package not only products, but also progress, prosperity, and a sustainable future for India.



PLASTINDIA Foundation Discusses Future Opportunities with Department of Chemicals & Petrochemicals

Dr. Raju Desai, Vice President, PLASTINDIA FOUNDATION, along with CEO & SG Dhananjay Makharia, met Dr. G. Venkatesh ICoAS, Joint Secretary, Department of Chemicals & Petrochemicals, Government of India on 19th May 2026, to discuss the evolving opportunities, priorities, and future direction of the industry.

The interaction highlighted the importance of innovation, sustainability, manufacturing excellence, and collective efforts in shaping a globally competitive plastics ecosystem for India.



MINISTRY OF CHEMICALS & FERTILIZERS		
GOVERNMENT OF INDIA		
DEPARTMENT OF CHEMICALS & PETROCHEMICALS		
OFFICE OF JOINT SECRETARY (PETROCHEMICALS)		
NAME	FROM	TO
1. SHRI MUKESH KACKER	01.12.2000	23.03.2006
2. SHRI KUMARESH CHANDRA MISHRA	24.03.2006	20.04.2006
3. SHRI B. P. PANDEY	21.04.2006	21.06.2006
4. SMT. NEELAM K. SHARMA	01.06.2006	28.06.2012
5. SHRI /	29.06.2012	10.06.2013
6. SHRI /	11.06.2013	01.02.2017
7. SMT. /	01.02.2017	20.03.2017
8. SMT. /	21.03.2017	13.06.2019
9. SHRI K. /	14.06.2019	07.04.2022
10. SHRI DESAI	14.10.2022	

Supreme Industries Q4 Result Up 16.5 Percent



Supreme Industries Ltd (NSE: SUPREMEIND) reported its results for the final quarter of fiscal year 2026, registering 16.5% year-on-year profit and aggressive expansion plans. The company, one of the leading plastics manufacturers, reported a 16.5% year-on-year (YoY) jump in consolidated revenue to ₹3,528 crore for Q4 FY26. Net profit for the quarter outperformed expectations, surging 48% YoY to ₹434 crore. This robust quarterly performance was primarily propelled by the company's core plastic piping division, which clocked a 14% volume growth, enabling Supreme Industries to capture significant market share despite volatile industry dynamics. For the full fiscal year 2026, the company's annual revenue reached ₹11,218 crore, marking a 7.2% YoY increase. Full-year net profit remained highly resilient

at ₹954 crore. Notably, Supreme Industries expanded its market footprint and outpaced the broader plastic piping industry, which faced general de-growth during the fiscal year. Looking forward, the company has earmarked a major capital expenditure (capex) of over ₹1,000 crore for FY27. According to reports, this aggressive investment cycle will be utilized to expand existing capacities and enhance its specialized product portfolio. The upcoming expansions are set to add approximately 1.1 lakh metric tonnes (MT) to its annual production capabilities, pushing Supreme Industries' total installed capacity to a massive 1.35 million metric tons per annum (MMTPA). The company is one of the largest processors of plastics in India, specializing in piping systems, molded furniture, and industrial packaging.



➤ Nissei Plastics and Toyo merge into Global Molding Solutions



Japanese injection molding leaders Nissei Plastic Industrial Co. and Toyo Innovex (formerly Toyo Machinery) officially merged on April 1, 2026, combining under a new joint parent holding company named GMS Group Co. Ltd. (Global Molding Solutions) According to inputs received Both Nissei and Toyo operate as wholly owned subsidiaries under GMS Group. It is learnt that the integration was formed to combat a highly challenging business environment, sluggish global demand, rising geopolitical costs, and intense competition from Asian producers. By combining their resources, Nissei and Toyo aim to boost R&D in automotive and hybrid vehicle parts, electric vehicles, and die-casting machinery. Hozumi Yoda (formerly chairman of Nissei) shall serve as CEO, while Yoshiaki Tabata (formerly president of Toyo Innovex) shall serve as President and COO.

While Nissei Plastic focuses exclusively on injection molding machines—with five production facilities across Japan, China, Thailand, the United States, and Italy (Negri Bossi), and a sixth planned in India. Toyo Innovex is also active in die-casting equipment and operates manufacturing hubs in Japan and China. Over 70% of both companies' output is exported.

The newly formed holding company has a combined entity revenue of roughly ¥74.5 billion (\$490 million) and is listed on the Tokyo Stock Exchange (TSE) Prime Market.



➤ Milliken and Azelis Enter into a Distribution Agreement in India



Milliken and Azelis have entered into a distribution agreement in India to support the expansion of polyurethane colourant solutions across the market. The collaboration builds on Milliken's long-standing presence and leadership in India's polyurethane industry and supports its continued growth across key polyurethane applications while for Azelis the cooperation complements their lateral value chain in the CASE segment in India. Milliken has been active in the Indian polyurethane market for several decades, supporting customers in the flexible foam and broader polyurethane segments through differentiated solutions, technical expertise, and strong local engagement. This agreement reinforces Milliken's established position in the market

while creating a platform for future growth through a strong local distribution partner. Daan Vanwynsberghe, Global Business Unit Director Polyurethane, Milliken & Company, said, "India has been a key market for Milliken's polyurethane business for many years. This agreement supports our long-term growth strategy by strengthening our ability to serve customers across polyurethane applications, while selectively expanding into new segments through a distribution partner with strong local capabilities." Under the agreement, Azelis will distribute Milliken's Reactint® polyurethane colourant solutions in India. The agreement spans polyurethane applications overall, with coatings, adhesives, sealants, and elastomers representing an expansion opportunity for Milliken, supported by Azelis' local footprint, application expertise, and customer reach. Aparna Khurana, Regional Managing Director, Indonesia and Malaysia, Azelis, stated "We are pleased to work with Milliken to support the expansion of its polyurethane colourant solutions in India. Milliken's established expertise and leadership in polyurethane applications, combined with Azelis' local market presence and technical support, allows us to deliver meaningful value to customers."

➤ Aramco Announces Q1 2026 Results

Saudi Aramco announced its Q1 2026 financial results on May 10, 2026, reporting a massive 25 percent jump in profitability. Driven by higher crude oil prices and increased sales volumes, the energy giant reported an adjusted net income of \$33.6 billion and a declared base dividend of \$21. billion. "Aramco's first quarter performance reflects strong resilience and operational flexibility in a complex geopolitical environment. Our East-West Pipeline, which reached its maximum capacity of 7.0 million barrels of oil per day, has proven itself to be a critical supply artery, helping to mitigate the impact of a global energy shock and providing relief to customers affected by shipping constraints in the Strait of Hormuz," said Amin H. Nasser President and CEO, Aramco. While the adjusted net income reached \$33.6 billion, a significant increase from \$26.6 billion in Q1 2025. The Operating cash flow totaled \$30.7 billion, with free cash flow settling at \$18.6 billion. Considering this the Board declared a Q1 2026 base dividend of \$21.9 billion, marking a 3.5% year-on-year increase. Capital expenditures (CAPEX) for the quarter were \$12.1 billion as the East-West Pipeline

sharply ramped up, reaching its maximum operational capacity of 7.0 million barrels per day to support exports. Nasser added, "Despite these headwinds, Aramco remains focused on its strategic priorities and is leveraging both its domestic infrastructure and its global network to navigate disruption. Our people have also demonstrated immense professionalism, determination, and expertise, enabling us to continue to deliver for our customers and shareholders."



Amin H. Nasser
President & CEO, Aramco



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- PP MULTIFILAMENT MASTERBATCH
- BIODEGRADABLE MASTERBATCH



➤ EPL and Indovida to Merge, Creating a Consumer Packaging Leader for Emerging Markets

EPL Limited ("EPL"), one of the global leaders in flexible packaging solutions backed by Blackstone, and Indovida India Private Limited ("Indovida"), one of the leading global rigid PET packaging platforms backed by Indorama Ventures, have signed definitive agreements for a merger. The merger has been approved by the Board of Directors of the respective companies and is subject to regulatory and shareholders' approvals. While EPL Limited is one of the global leaders in flexible packaging solutions Indovida is one of the leading rigid PET packaging platform, producing preforms, bottles and closures for food & beverages, healthcare and consumer markets, with 19 manufacturing facilities across 9 countries primarily in South East Asia and Africa. The merger will establish a stronger platform by combining the packaging portfolio and capabilities, expanding global access, and enhancing the addressable market size, growth potential and financial metrics. The combined platform will have a valuation of ~\$2 billion, with EPL being valued at ~\$1.2 billion (70% higher than its Friday's closing price) and Indovida being valued at ~\$0.7 billion. This marks a pivotal step in EPL's evolution from a single-format flexible packaging leader

to a scaled, multi-format packaging platform, purpose-built to serve global and regional customers across high-growth emerging markets. The transaction aligns with Indorama Ventures' long-term strategy to expand and deepen its presence in India, leveraging the country's structural growth opportunity through an expanded and integrated packaging platform with public markets access. It is consistent with Indorama Ventures' broader strategy under its IVL 2.0 program of building leading positions in key markets through focused partnerships, and value-accretive investments.



➤ Mitsubishi Chemical Exits PBS Market, Dissolves the Joint Venture

Japanese specialty chemicals major Mitsubishi Chemical Corporation has announced its complete withdrawal from the polybutylene succinate (PBS) business. The strategic exit involves permanently decommissioning its 20,000 tonnes-per-year manufacturing plant in Rayong, Thailand, and dissolving PTT MCC Biochem, its 50-50 biopolymers joint venture with PTT Global Chemical. The joint venture, established in 2011, commenced commercial production of bio-based PBS in 2017 under the BioPBS brand. Valued for its mechanical strength, flexibility, and heat resistance, the material primarily targeted the sustainable packaging sector, including paper cup coatings, compostable coffee capsules, and food tableware. According to Mitsubishi Chemical, the decision to exit stems from prolonged low profitability and a sharp divergence between initial feasibility assumptions and current market conditions.

Following a rigorous evaluation of future prospects, the group concluded that achieving sustainable growth in the PBS segment was unviable. The asset wind-down is already underway. Manufacturing operations at the Rayong facility were formally halted in December 2025. Commercial sales of BioPBS will terminate permanently once current product inventories are completely depleted. Following the physical dismantling of the production machinery, the joint venture will be dissolved and liquidated in strict compliance with Thai corporate laws. The exit of a tier-one chemical producer from the PBS market highlights the ongoing margin pressures, high production costs, and commercialization challenges facing specific niches within the global biodegradable plastics industry.

➤ Amcor seeks startups for rigid packaging drive

Packaging giant Amcor has launched an international invitation for startups to join its next Amcor Lift-Off Rigid challenge. The challenge sits within Amcor Lift-Off, a scheme run by the company's corporate venturing and open innovation team to link Amcor with startups working on future packaging technologies. Chosen participants will relate to Amcor's research, commercial and venturing teams to assess possible collaboration and investment. The new round follows earlier Amcor Lift-Off activities that led to partnerships in fields such as advanced materials, AI and recycling technology. This edition is centred on solutions for rigid packaging and related systems. Amcor is asking startups to apply with technologies in areas such as shelf-life indicators, injection moulding processes and platforms, and recyclable barrier technologies. It is also seeking submissions covering fibre-based packaging, dispenser and applicator systems, retort and pasteurisation solutions, and smart packaging. Other

focus areas include hybrid rigid and flexible systems, including refill and reuse models, recycling, sorting and decontamination technologies, and AI and machine learning applications. The is looking at solutions that may raise performance, support circularity, improve consumer use or create new business models across the packaging chain. It is seeking startups whose technologies have moved beyond the earliest pilot stage and show commercial potential. To be conducted in three stages during June 2026 the Amcor Lift-Off process will remain open until 8 June, and screening and feedback will run until 20 June. A virtual pitch day is scheduled for 30 June. Startups selected for the process will present their technologies to Amcor's research, business and corporate venturing teams. Teams that progress will be able to discuss commercial partnerships, pilot projects and possible investment, with results assessed through adoption and scalability.

➤ Henkel Upgrades Düsseldorf Packaging Centre

Henkel Adhesive Technologies has opened an upgraded Packaging Competence Center in Düsseldorf, Germany, integrating testing, development and training activities into one site. The revamp follows the company's strategic partnership with Nordmeccanica, announced in May 2025, and is intended to support work on sustainability in flexible packaging. The facility has been fitted with new equipment to provide a testing set-up that mirrors production conditions. This allows customers to assess adhesive and coating systems in situations closer to industrial use and to prepare them for scale-up. Among the additions are two Nordmeccanica machines, the Super Combi 5000 and the Super Simplex SL e800, which cover standard lamination and coating processes used in the sector.

The centre also includes five flexible application trolleys using gearless flexo coating technology, as well as expanded digital tools for structured data collection. The company has also upgraded its testing area for pressure-sensitive adhesive applications in the same building. This laboratory space now includes coating systems, ultraviolet (UV) activation equipment and measurement systems for work related to the speciality tapes and labels segment. Henkel said the updated facility is linked with the neighbouring Inspiration Center Düsseldorf.

According to the company, this connects chemistry development, application testing, industrial validation and training, covering stages from product design to recycling through its in-house recyclability testing lab.



Chemco Receives FSSAI Approval to produce Food-grade rPET

Chemco Group has secured approval from the Food Safety and Standards Authority of India (FSSAI) to produce food-grade recycled polyethylene terephthalate (rPET) resin for food-contact use under the 2018 Food Safety & Standards (Packaging) Regulations.

Chemco Group director Vaibhav Saraogi said "Receiving FSSAI authorisation for food-grade rPET is an important milestone not only for Chemco but also for the broader development of circular packaging infrastructure in India.

The company that has more than three decades of experience in PET packaging and supplying rigid and flexible packaging solutions world over, recently started operations at its bottle-to-bottle recycling plant in Sanand, Gujarat, built with a Rs1,25bn (\$13m) investment. The site is designed to process more than one billion used PET bottles each year and turn them into food-grade recycled PET resin for food and beverage packaging.

The plant uses a Starlinger bottle-to-bottle recycling system, a technology used for food-contact recycling applications. It added that the compliance structure includes quality, traceability and food safety systems, including FSSC 22000 certification, along with recycling process frameworks recognised by the US Food and Drug Administration and the European Food Safety Authority for food-contact recycled PET use.

The company noted that its investment in bottle-to-bottle recycling was made with a long-term view of supporting both sustainability and supply-chain reliability for brand owners. This approval reinforces its ability to offer food-grade recycled material that meets stringent safety and compliance expectations while supporting India's transition towards circular packaging.



UK to Consult on Recycled Plastic Under Packaging Tax

The UK Government has launched a consultation on the possible introduction of a certification requirement for manufacturers and Importers of plastic packaging containing mechanically recycled plastic.

The exercise looks at concerns over claims about recycled content and considers possible changes to the evidence needed to secure an exemption from Plastic Packaging Tax (PPT) where packaging contains at least 30% recycled plastic. Under the proposal, certification would become compulsory for mechanically recycled plastic used in packaging. According to reports, the government says the aim is to reduce the risk of false or mistaken claims about recycled content, bring greater consistency to evidence standards, reinforce compliance work and align the rules with other PPT changes. Officials are asking for views on how widespread fraud may be, the effect on businesses



that would fall within the scope of the change, how the requirement could work in practice and when it could be introduced. Responses are being sought from across

the plastics supply chain, including mechanical plastic recyclers, tax advisers, trade and professional bodies, waste management firms, local authorities and other interested parties. The consultation period runs for 12 weeks from 18 May 2026 until 10 August 2026. The government will hold meetings with key stakeholders and others who may be affected by the proposals. It will later review submissions and issue a formal response. The consultation comes after earlier policy decisions on chemically recycled plastic. The government says most responses to an earlier

PPT consultation supported making certification mandatory for chemically recycled plastic alongside that change, as a way to prevent fraud and preserve consumer confidence.

NJDEP Grants Approval to PureCycle Resin under U.S. Law

PureCycle Technologies' PureFive resin has been accepted as "post-consumer recycled (PCR) content" under New Jersey's Recycled Content Law in the US. The New Jersey Department of Environmental Protection (NJDEP) granted the designation after reviewing the company's recycling method. The decision is a conditional approval valid for one year. New Jersey's Recycled Content Law (P.L. 2021, c. 384) mandates minimum Post-Consumer Recycled (PCR) content in covered plastic packaging and products. The law targets a broad range of items, requiring producers to gradually increase the amount of recycled materials they use to reduce waste and reliance on virgin plastics. Producers of rigid plastic containers, beverage containers, and other covered packaging have to meet minimum PCR thresholds like Rigid Plastic Container beginning at 10% in 2024 and increases by 10% every three years until it reaches 50%. Plastic Beverage Containers the Specific thresholds scale up to 50% depending on the beverage type. Whereas Food-Contact Packaging is subject to similar scaling requirements (compliance obligations for this category generally take effect in 2027). However,

approval for recycled content in those applications can take several months, and PureCycle said this has prompted enquiries about PureFive resin during the past year. PureFive resin is made through PureCycle's physical dissolution recycling process. According to the company, this process removes colour, odour, additives and other materials from post-consumer polypropylene, producing recycled resin with properties comparable to virgin plastic. PureCycle said those properties, along with its status as suitable for food-contact from the US Food and Drug Administration (FDA), support its use in a range of applications, including rigid plastic containers covered by New Jersey's mandate.



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Germany - The 'Largest Plastic Waste exporter' in 2025

Germany was the largest exporter of plastic waste in 2025, closely followed by the UK, according to new research analysis by Watershed Investigations and the Basel Action Network. While Germany exported 810,000 tonnes of plastic waste in 2025 the UK followed being the second-highest plastic waste exporter which sent 675,000 tonnes overseas last year, its highest level in eight years. The largest recipient of European post-consumer plastic waste is Turkey, where investigations have found workers endure dangerous conditions so unsafe that 'hundreds have died'. The EU has agreed to ban exports of plastic waste to non-OECD countries from November this year. While Turkey is a member of the OECD, exports to other countries who are major recipients of plastic waste, such as Malaysia and Indonesia, will no longer be allowed. The analysis found that around a fifth of the UK's plastic waste exports went to non-OECD countries in 2025. Malaysia was the UK's third-largest destination

for exporting plastic waste, a 60% increase since 2024. As part of the Environment Act 2021, the UK Government also committed to a ban on plastic waste exports to non-OECD countries, but this remains subject to consultation. The US was the fifth biggest exporter of plastic waste, sending 385,000 tonnes abroad in 2025, while in 2024, China was the 18th biggest exporter. Despite being larger countries, a lot of their plastic waste is handled domestically, through landfill, incineration or recycling.

Partly, this is because both countries have less stringent recycling targets than Europe and the UK, where exports can count towards official recycling rates.



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PRODUCT NEWS



SABIC, a global leader in the chemical industry, has recently launched its new LNP™ ELCRIN™ SLX compounds based on post-consumer recycled (PCR) content and new LNP KONDUIT™ WTF2C compound that supports thermal management in ADAS (Advanced Driver Assistance Systems) components. The company showcased new compounds and a range of other specialty material solutions for advancing automotive part design and aesthetics, improving functionality and performance, and supporting circularity and emissions reduction at the PIAE (Plastics in Automotive Engineering) 2026 held in Germany. SABIC's new LNP ELCRIN SLX2373RCC and SLX2375RCC compounds are made with 100 percent and 45 percent PCR content, respectively. They offer excellent weatherability and impact resistance to extend the life of high-gloss molded-in color parts, thereby avoiding volatile emissions from painting and facilitate end-of-life recycling/recovery. A shark fin antenna and heated ADAS radome using these materials are on display. In ADAS, SABIC's specialty materials portfolio helps address customer requirements for EMI shielding, strength, thermal conductivity and chemical resistance in radar, LIDAR and other sensor systems. SABIC's new thermally conductive LNP KONDUIT WTF2C compound

can replace die-cast aluminum in housings for ADAS radar and electronic control units (ECUs) to increase design flexibility, cut weight, system costs and emissions. This compound is compatible with existing production methods, including laser welding and heat staking. Also, SABIC's new EXTEM™ RH1017UCL resin is an optical thermoplastic polymer that withstands lead-free reflow soldering and is well suited for optical sensor lenses used in driver monitoring and gesture control systems, as well as for optical multigigabit connectivity solutions for next-generation vehicle architecture.



➤ UFlex Showcase Sustainable, Premium-Finish Tube Innovations in Mumbai

FlexiTubes, the tube packaging division of UFlex, India's largest multinational flexible packaging and solutions company, showcases its latest sustainable, high-performance tube packaging innovations at CMPL Expo 2026, event held from May 4 to May 6, 2026, in Mumbai. Designed for strong shelf appeal, the collection features 360-degree high-definition printing, offering enhanced branding space and visual impact. An array of visual effects including gloss, matte, metallic, holographic, and crystal-clear transparency enables brands to craft distinctive identities. Innovations such as Metallika, Mattika, and Optika tubes, along with window-effect designs, seamlessly combine premium appeal with product visibility, elevating both design and storytelling. Behind this visual sophistication lies engineered performance. UFlex's multi-layer tube structures are designed to ensure product protection, durability, and compatibility across a wide range of formulations. Advanced barrier solutions, including high performance coatings and

alternative structures, help maintain product integrity, while design innovations such as virtually invisible side seams create a refined, uninterrupted finish. FlexiTubes are available in a wide range of formats and diameters, offering the flexibility to meet diverse packaging needs while seamlessly integrating with existing manufacturing processes. Building on this foundation, UFlex brings together aesthetics, sustainability, and security in its tube packaging solutions. The company integrates advanced anti-counterfeit features directly into the packaging, protecting brand authenticity while enhancing visual appeal. A strong focus on sustainability continues to shape the portfolio, with UFlex advancing paper-based, recyclable, and PCR-based tube solutions, along with emerging biodegradable options—enabling brands to move toward more responsible packaging without compromising on design or performance.



➤ Sidel Launches the new EvoFILL PET Bottle

Sidel has launched its new EvoFILL PET, the fastest-ever speed filler and combines advanced fluid dynamics engineering with a next generation filling valve. It is set to support producers wishing to unlock higher efficiency in reduced space, without compromising product quality or line flexibility. At the heart of the EvoFILL PET is a completely redesigned filling valve, engineered following an in depth fluid dynamics study to optimise product flow during filling. This innovation enables a significant boost in filling speed, of up to 20%, allowing the filler to reach outputs of over 90,000 bottles per hour in more compact space. The highly hygienic filling valve design is complemented by optimised cleaning operations that reduce downtime, water usage and chemical consumption. The filling valve features volumetric flowmeter control and a no contact

filling principle, eliminating the need for components to be replaced when changing fill levels. This not only simplifies operations but also enhances overall line hygiene, helping preserve beverage quality across a wide range of still products. Automatic CIP dummy cups, shorter internal and external cleaning cycles, reduced thermal dispersion and fewer components and surfaces to clean all contribute to faster, more efficient cleaning. The EvoFILL PET introduces a no base layout that delivers a footprint reduction of up to 15% compared to previous designs. This more compact configuration improves line integration and frees up valuable floor space in the filling hall. The EvoFILL PET is available in flexible layouts, including stand alone, Combi and Super Combi solution.

➤ Amcor Launches its PP dip cup for recyclability

Amcor has launched its recycle-ready dip cups for foodservice. The new PP Revolution line is intended to support a shift away from polystyrene while retaining existing operational and product requirements. The range works with current filling equipment, allowing manufacturers to adopt the format without changing production systems. The cups provide a stronger barrier than conventional products and can be paired with the company's EZ Peel lidding range, including metallised, foil and AmPrima recycle-ready materials. The array comes in ten sizes, from 0.5oz to 2.0oz, with clear, white opaque and custom colour options. The PP dip cup products are designed for recyclability. Select sizes have been rated "Preferred" under the APR Design Guide for Size Sorting Potential. This assessment may help support recyclability claims and possible Extended Producer Responsibility (EPR) fee benefits while select sizes are also available

for How2Recycle prequalification. Kevin Glaser, Vice-President, Amcor Flexibles North America said, "Today's consumers expect packaging that's easy to use, locks in freshness and is aligned with their sustainability values. PP Revolution was designed to elevate the dip cup experience, from easy open lidding and portion-appropriate sizes to premium aesthetics, while helping brands move forward with recycle-ready packaging."



➤ Siegwerk launches heat-seal lacquer portfolio for packaging applications

Siegwerk has introduced Cirkuit Novaseal, a dedicated line of heat-seal lacquers under its Cirkuit coatings range. The line is intended for fibre-based packaging and certain flexible packaging formats, with use by brand owners and converters working on packaging changes linked to sustainability.

Siegwerk said Cirkuit Novaseal brings together its circular economy approach and its experience in heat sealing, drawing on experience and technologies obtained through the Allinova acquisition within a single product line.

The heat-seal lacquers are made for sealing consistency, hot-tack results and bond strength across different packaging uses. The range includes products with varying characteristics and performance profiles, including options suited to gravure and flexographic printing and to different sealing temperature needs.

According to the company, the line includes versions with low seal initiation temperatures for processing efficiency, strong hot tack for high-speed packaging operations, and bond strength at low coating weights to support

converting methods such as flexo and gravure. The structure of the range is meant to help converters choose lacquer products according to application method, performance requirements and end-use needs.

Within Siegwerk's Cirkuit brand, the Novaseal line has been developed with circularity in mind. The range is aimed at paper-based packaging and selected flexible applications, combining functional use with packaging designs intended to support recyclability. Cirkuit Novaseal products are already on the market and are backed by Siegwerk's technical service and application support.

Siegwerk circular economy coatings head Gilles Le Moigne said: "Cirkuit Novaseal is a key milestone in strengthening our coatings offering for sustainable packaging. By unifying our heat sealing expertise under one strong product brand, we make it easier for customers to navigate performance requirements while aligning with circular economy goals."



➤ A Simple Chemistry Trick Could End Forever Plastic Say Researchers

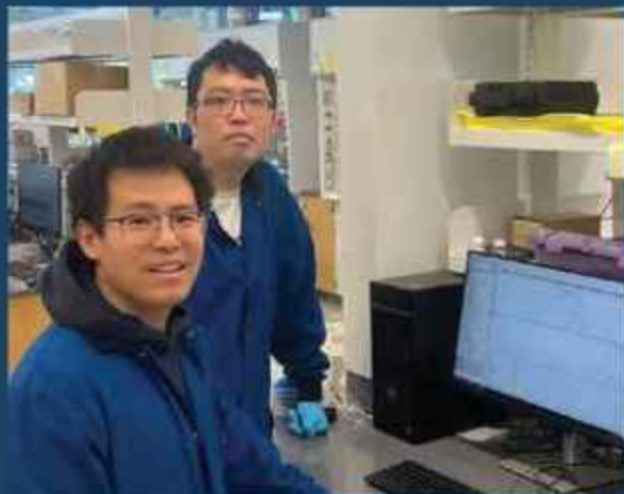


A simple chemistry trick could end forever Plastic say Researcher Yuwei Gu at Rutgers. By mimicking tiny structural features used in DNA and proteins, researchers designed plastics that remain durable but can be triggered to fall apart naturally. The breakdown speed can be precisely tuned, from days to years, or switched on with light or simple chemical signals. The discovery could reshape everything from food packaging to medicine delivery. "Biology uses polymers everywhere, such as proteins, DNA, RNA and cellulose, yet nature never faces the kind of long-term accumulation problems we see with synthetic plastics," said Gu, an assistant professor in the Department of Chemistry and Chemical Biology in the Rutgers School of Arts and Sciences. Gu realized that if natural polymers can perform their function and then disappear, human-made plastics might be able to do the same. He already knew that biological polymers contain small built-in chemical features that help their bonds break apart at the right moment. In a study published in *Nature Chemistry*, Gu and his Rutgers colleagues showed that using this nature-inspired approach allows plastics to break down under everyday conditions, without requiring high heat or harsh chemicals.

By effectively "pre-folding" the structure at a molecular level, the plastic can fall apart thousands of times faster than usual.

Despite this built-in vulnerability, the plastic's overall chemical composition remains unchanged. That means it stays strong and useful until the moment degradation is activated.

"Most importantly, we found that the exact spatial arrangement of these neighboring groups dramatically changes how fast the polymer degrades," Gu said. "By controlling their orientation and positioning, we can engineer the same plastic to break down over days, months or even years."



➤ 'World's first' Facility that Converts Waste Plastic to Aviation Fuel

World's first pilot facility converting waste plastic to Sustainable Aviation Fuel (SAF) opens in Kent. The pilot facility, which is operated by Clean Planet Technologies, is dedicated to converting hard-to-recycle waste plastics into SAF.

Known as the Sustainability Innovation Centre, the facility is set up to research and develop new technologies that can deal with non-recyclable plastic waste, beginning with conversion into jet fuel. Clean Planet Technologies says the pilot has financial support in place from the Department for Transport-funded UK SAF Clearing House. Commenting on the facility, Dr Andrew Odjo, Chief Executive Officer at Clean Planet Technologies, said: "Our process first heats the waste plastic with a chemical reaction to turn it into a liquid, rather than burning it."

"This is then treated with our patented process to remove impurities and create SAF that meets stringent commercial aviation specifications." As part of the process, waste plastics are pre-processed and shredded to a uniform size before being fed into one of the centre's two pyrolysis units. Clean Planet Technologies says the largest unit is capable of processing up to one tonne of plastic per day.

The fundamentals of the process (pyrolysis, purification, distillation and hydroprocessing) are all technologies which are currently used independently at commercial scale. Dr Katerina Garyfalou, Chief Operating Officer at Clean Planet Technologies, commented: "The Sustainability Innovation Centre is set up to demonstrate our patented waste-plastics-to-SAF process at pilot scale, supporting fuel testing, validation and progression."

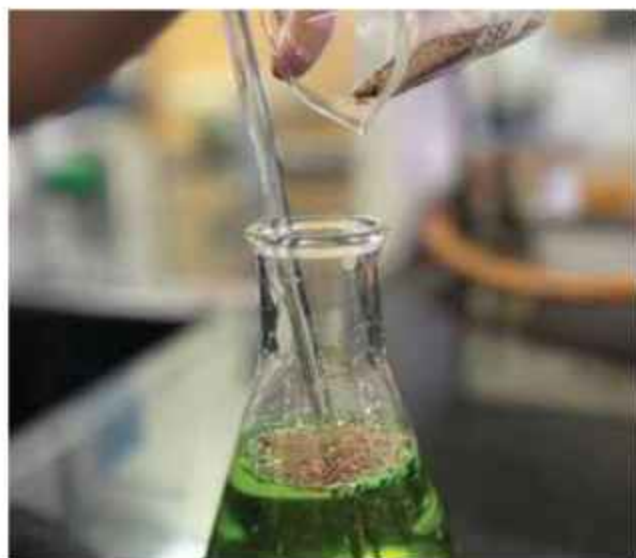


Indian Students win 'The Earth Prize' for microplastics solution



Three students from India have won The Earth Prize 2026 for developing an innovative solution to tackle microplastics in water. Rajasthan based Sixteen-year-olds Aavyana Mehta, Vivaan Chhawchharia and Ariana Agarwal created Plas-Stick, a powder made from waste tamarind seeds that attracts microplastics, causing them to clump together so they can be removed using a handheld magnet. Designed for use in shared water containers, the solution offers a simple, low-cost alternative to complex filtration systems. With support from The Earth Prize, the team plans to scale the solution through decentralised production hubs and expand into rural communities across India, making safer drinking water more accessible. "The prize money will help us scale Plas-Stick in a more structured and responsible way. By the end of 2026, we hope to grow from educating 8,000 people about it to around 35,000–40,000." The idea took shape by the team's studies in environmental science and a visit

to a rural community where they observed that drinking water is often stored in shared containers without access to advanced filtration systems. "Microplastics stood out to us because they are invisible, but the risk is very real. In many rural communities, people drink water without knowing what may be present in it," the team stated. "We came up with the solution by first being very clear about the problem we wanted to solve. Once that was clear, we started looking for materials that were already available around us. Tamarind seeds stood out because they are often treated as waste, but they have natural binding properties. We tested whether they could help bring microplastic particles together, and developed the solution further," they said. Already deployed, Plas-Stick has so far reached more than 8,000 students and teachers, and the team has also collaborated with professionals from Indian Institute of Technology, Guwahati.



➤ Supreme Court Issue Notice on PIL To ban Selling Liquor in Tetrapacks

The Supreme Court has issued notices to the Centre and all state governments on a Public Interest Litigation (PIL) seeking a nationwide ban on selling liquor in "deceptive" and inconspicuous packaging like tetra packs and sachets. Hearing the plea moved by the Community Against Drunken Driving NGO the Supreme Court of India has asked the Central Government and all states to respond to a petition by an anti-drunk-driving non-governmental organisation (NGO) that challenges the wide differences in excise rules across the nation, including the absence of a common definition of what counts as a liquor 'bottle'.

The plea argues that this packaging is easily sneaked into schools; encourages public consumption and drunk driving, and lacks the statutory warnings required on other vices. Chief Justice of India Surya Kant described the packaging as "very deceptive," noting that these products look like fruit juices but contain hard liquor (like vodka) and lack prominent warnings. Appearing for the

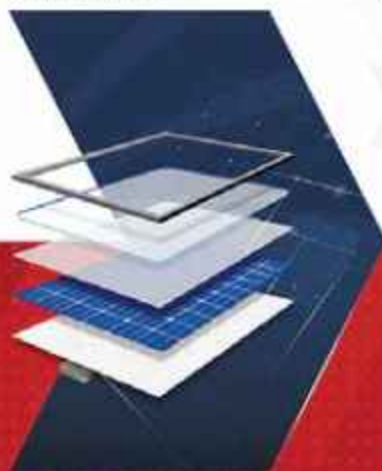
petitioner, advocate Vipin Nair argued that alcohol was being sold in tetra packs under labels, including 'Bunty Premium Vodka', 'Chelli Mango Vodka' and 'Premium Romanov Vodka - Apple Thrill'. The NGO stated, "It is alarming that liquor is sold in tetra packs marketed under labels such as 'Bunty Premium Vodka', 'Chelli Mango Vodka' and 'Premium Romanov Vodka - Apple Thrill'. This is clearly intended to mislead consumers. The use of fruit names alongside colour photographs of apples and mangoes on the packaging further reinforces this deception." The Court highlighted that such packaging easily conceals alcohol as fruit juice, increasing the risk of underage drinking. The petition was filed by the NGO Community Against Drunken Driving (CADD). The case is scheduled for further hearing.



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AI and Smart Factory Technologies Take Centre Stage at OPPI's Seminar in Mumbai

The growing influence of Artificial Intelligence (AI), automation, and smart manufacturing technologies in the plastics processing sector was highlighted at a seminar on "Application of AI in Plastic Processing Industry and Shaping New Generation Smart Factories", held on Thursday, May 21, 2026, at Colonial Hall, The Club, Andheri West, Mumbai.

The seminar organized by Organization Of Plastics Processors Of India (OPPI) brought together leading technology providers, machinery manufacturers, automation experts, and industry professionals to discuss the rapid digital transformation taking place across plastics processing operations. More than 100 delegates from the plastics and manufacturing industries attended the event.

The seminar featured a series of technical presentations focused on AI-driven manufacturing, process optimisation, automation, sustainability, and smart factory integration.

Mr. Pritam Raj Mohapatra, Senior Manager – Sales (West), FANUC INDIA Pvt. Ltd., opened the technical sessions with a presentation on "How AI is transforming Plastics Processing towards the future of Smart Factory," highlighting the role of intelligent automation and robotics in enhancing productivity and operational efficiency.

Mr. Susmit Patel, GM – Design & Development, Windsor Machines Limited, addressed the "Application of AI in Injection Moulding Process Optimisation," focusing on deskilling domain expertise, material savings, and quality assurance through data-driven systems.

Sustainability and recycling technologies also received significant attention during the seminar. Mr. Sandip

Singh, CEO, Ishitva Robotic Systems, discussed industry preparedness for food-grade recycling, while Ms. Payal Shrivastava, Regional Sales Head, Tata Power, presented solar energy solutions aimed at reducing power costs and improving sustainability in plastics processing operations.

Mr. Mirza-Seraj Baig from Bosch Rexroth Corporation elaborated on the transition "From Automation to Intelligence" in next-generation smart factories. Presentations by experts from Haitian Huayuan Machinery (India), Milacron India, SHIBAURA MACHINE INDIA, Wyntok Technologies, and Anzo Controls further explored data-driven decision-making, AI-enabled shop floor integration, and advanced automation systems.

A notable presentation was delivered by Mr. ND Mhatre, Director General (Tech), ITAMMA, who highlighted the potential use of AI in monitoring plastic waste within the textile industry.

The seminar concluded with strong industry consensus that AI, intelligent automation, and sustainable manufacturing practices will play a defining role in shaping the future of India's plastics processing sector.



(L TO R) Mr. Pritam Mohapatra (FANUC), Mr. Susmit Patel (Windsor Machine), Mr. Gunjan Shah (Milacron India), Mr. Subba Bangera (Active Solutions), Mr. Tejas Lodha (Milacron India)



(L TO R) Mr. Deepak Lawale (OPPI), Mr. Pradeep Kurkal (Haitian Huayuan), Mr. Sunildutt Chaudhari (Haitian), Mr. Sandip Singh (Ishitva Robotic)



(L to R) Mr. Deepak Lawale (OPPI), Mr. Apar Surekha (Wyntok Technologies), Mr. ND Mhatre (ITAMMA), Mr. Subba Bangera (Active Solutions)



Delegates at the Seminar.



Indian Plastics Federation Drives Strategic Advancements and MSME Welfare

The Indian Plastics Federation (IPF) has significantly scaled up its industry interventions through the first half of 2026, driving a robust agenda of knowledge sharing, policy advocacy, and community engagement. Through a series of high-impact seminars and strategic governmental interactions, the apex body has positioned itself at the forefront of navigating global supply disruptions and modernization for Micro, Small, and Medium Enterprises (MSMEs).

Fostering Industry Camaraderie

The year's initiatives kicked off on a high note on 1st March 2026, with the federation hosting its annual Holi Get Together at the Ojas Banquet Hall. Titled "Holi ke Rang Aapno ke Sang," the grand evening drew over 400 members and their families. Featuring cultural performances by the Sajda Boyz, the gathering served as a vital networking platform, strengthening the social fabric of the domestic plastics fraternity.

Celebrating Global Success

Following the community gala, IPF shifted focus to industry milestones on 18th March 2026, organizing a

prestigious felicitation ceremony. The event honoured Shri Alok Tibrewala, Chairman of the National Executive Council for Plastindia 2026, alongside his entire organizing committee. Past IPF Presidents were also recognized for their roles in the exhibition, which successfully spotlighted Indian manufacturing, circular economy practices and international trade opportunities.

Addressing Volatility and Digital Shift

In response to global headwinds, the federation convened an insightful panel discussion on "Navigating the Polymer Pricing & Availability" at the Federation Conference Hall in Kolkata on 6th April 2026. Industry experts provided critical market intelligence, arming manufacturers and traders with tactical cost-management and logistics strategies to counter raw material volatility.

Recognizing the need for modern corporate communication, IPF followed this with a hands-on technical workshop on 11th April 2026. Titled "Turn Your LinkedIn into Your Best Salesperson," the session trained members in AI-driven business outreach, profile optimization, and digital lead generation.



Strengthening Government Linkages

Rounding out its proactive agenda, IPF organized an exclusive interactive session with Shri Sunil J. Singhi, Chairman of the National Traders Welfare Board. The direct dialogue provided MSMEs with an elite platform to address operational hurdles and lobby for protective policy measures. While Shri Singhi lauded IPF's dedication to trader welfare, Shri Alok Tibrewala assured continuous executive representation of the sector's concerns before central regulatory authorities.



> AIPMA Delegation Explores Global Innovations at Chinaplas 2026



AIPMA's delegation of over 130 industry professionals represented a diverse cross-section of India's plastics manufacturing ecosystem. The visit provided members with direct exposure to next-generation machinery, intelligent factory solutions, and sustainable materials that are increasingly becoming central to global competitiveness.

The visit facilitated productive interactions with global suppliers, technology providers, and industry stakeholders, creating opportunities for future collaborations and business expansion.

The All India Plastics Manufacturers' Association (AIPMA) once again demonstrated its commitment to connecting the Indian plastics industry with global technological advancements through its participation in CHINAPLAS 2026, held from April 21 to 24 at the National Exhibition and Convention Center (NECC), Shanghai.

Led by AIPMA Chairman Mr. Vinay Nandwana, the delegation's visit provided valuable insights into emerging trends, cutting-edge technologies, and future opportunities shaping the global plastics and rubber industries.

Recognized as the world's leading plastics and rubber trade fair, CHINAPLAS 2026 brought together more than 5,000 exhibitors from across the globe across an expansive exhibition area exceeding 390,000 square metres. The event attracted over 350,000 trade visitors and featured more than 40 country and regional pavilions, reaffirming its position as a premier platform for international business networking, technology exchange, and market development.

While the overall experience was highly positive, delegates suggested improvements in the availability and authenticity of Indian cuisine during the visit. Specific observations regarding traditional dishes included in the special menu have been communicated to the travel management partner, Travflix, for consideration in future delegations.

The successful participation of the AIPMA delegation at CHINAPLAS 2026 highlights the association's continued efforts to provide Indian plastics processors and manufacturers with global exposure, technology benchmarking opportunities, and access to innovations that will drive the industry's growth and competitiveness in the years ahead.

Earlier during 23-25 March AIPMA had also organized its PLASTIWORLD, a strategic export-driven platform supported by both government and industry. The expo reinforced confidence in India's plastics sector and positioned the country into a major exporter of plastic finished products.



▶ PLEXCONCIL Steps Up Global Outreach and Policy Engagement in April 2026

The Plastics Export Promotion Council (PLEXCONCIL) witnessed an eventful and strategically significant April 2026, strengthening India's global plastics trade presence through international exhibitions, stakeholder engagements, policy advocacy, and exporter outreach initiatives.

A major highlight of the month was PLEXCONCIL's participation at Chinaplas 2026 held in Shanghai from April 21-24. The globally acclaimed plastics and rubber exhibition provided an important platform for showcasing India's manufacturing and export capabilities. PLEXCONCIL coordinated the participation of 25 Indian companies under the India Pavilion and distributed a specially curated India brochure highlighting the country's strengths in plastics manufacturing and exports.

On the sidelines of the exhibition, senior Council officials held strategic discussions with organizers of ArabPlast 2027 and Ruplastica to explore business opportunities in the WANA and CIS regions.

The Council also remained actively engaged with policymakers and industry stakeholders through more than 15 high-level meetings during the month. Among the key engagements was participation in the Virtual Launch of the India-USA Trade Facilitation Portal on April 8, inaugurated by the Foreign Secretary to facilitate stronger trade connectivity between Indian exporters and U.S. importers.

PLEXCONCIL also attended the Interaction of the Hon'ble Commerce & Industry Minister with Export Promotion Councils on April 24, where concerns related to the West Asia crisis and its implications on trade were discussed.

The Chairman and Executive Director further represented the Council at the Signing Ceremony of the India-New Zealand Free Trade Agreement held at Bharat Mandapam, New Delhi.

Meetings with MSME DI Chennai, SIDBI, Joint DGFT, and the Working Group on Compliance & Regulations further strengthened ground-level industry support.

On the knowledge-sharing front, PLEXCONCIL organized four webinars during April, including sessions on investment opportunities in Plastic Park Billawa, Gwalior (10 April) in partnership with MPIDC, Export credit risk management under the RELIEF Scheme, and awareness on the India-USA Trade Facilitation Portal.

The Southern Region office undertook proactive outreach initiatives through participation at the IPPEX Show in Chennai and support to regional industry associations. The Council was invited as a Knowledge Partner for Texpo 2026 by the Thirumudivakkam Industrial Estate Association, and attended the MEPZ 43rd Foundation Day lecture on 'Future of SEZs'.

Simultaneously, the Council submitted 20 policy representations to government bodies including DGFT, CBIC, BIS, and the Department of Commerce on issues ranging from polymer pricing to trade disruptions.

India's plastic exports in March 2026 declined by 14.4% year-on-year to USD 992.1 million due to shipping disruptions in West Asia, rising freight costs, and raw material shortages. Cumulative exports for FY2025-26 stood at USD 12.47 billion, reflecting a marginal decline of 0.3% over the previous fiscal year.





GSPMA Strengthens Industry Engagement with New Leadership, PLEXPOINDIA 2027 Preparations and Policy Initiatives

The Gujarat State Plastic Manufacturers Association (GSPMA) has recently held election of its office-bearers for the year 2026-27, while simultaneously accelerating preparations for PLEXPOINDIA 2027 and intensifying its industry outreach and advocacy efforts.

Leading the association as President is Shri Anish Patel, supported by Shri Vijay Javia as Vice-President-1, Shri Nitin Khatang as Vice-President-2, Shri Mansukh Savaliya as Honorary Secretary, Shri Jayesh Patel as Honorary Joint Secretary, and Shri Devang Pathak as Honorary Treasurer. The newly elected team is expected to further strengthen GSPMA's role as a key industry body representing Gujarat's vibrant plastics manufacturing sector.

One of the major announcements made by the association is the rescheduling of PLEXPOINDIA 2027. The 10th edition of the flagship plastics exhibition will now be held from September 17-20, 2027, at the HeliPad Exhibition Centre, Gandhinagar. Spread across more than 50,000 sq. metres, the exhibition is expected to host over 900 exhibitors from around the world and attract more than 100,000 business visitors, reaffirming its position as one of India's leading plastics industry platforms.

Recently, GSPMA successfully led a large industry delegation to CHINAPLAS 2026 in China, with over 140 members participating. The visit provided valuable opportunities for networking, technology sourcing and business collaboration simultaneously helping GSPMA to promote PLEXPOINDIA 2027 among more than 100 Chinese exhibitors, generating strong international interest in the upcoming event.

On the policy front, GSPMA convened a press conference to highlight the challenges faced by the plastics industry following disruptions arising from the West Asia conflict. The association joined hands with other industry bodies

to make representations before relevant government departments and policymakers, seeking measures to mitigate the impact on manufacturers.

Further strengthening industry awareness, GSPMA, in collaboration with the Bureau of Indian Standards (BIS), organised an Industrial Awareness Programme in Ahmedabad focusing on BIS standards, Quality Control Orders, conformity assessment schemes and ISI certification benefits.

Throughout 2026, GSPMA maintained a strong presence at key national exhibitions, including INDUSFOOD MFG, PLASTINDIA 2026, PLAST SHOW, DIEMOULD India and SAURASHTRA PLAST, using these platforms to promote industry initiatives and build momentum for PLEXPOINDIA 2027.



Seminar on BIS Standards



CHINAPLAS 2026 delegations and PLEXPOINDIA 2027 Promotion

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Upcoming Events - 2026

PLAST 2026

09th June - 12th June 2026

Fiera Milano, Rho.

ProPak China 2026

15th June - 17th June 2026

National Exhibition And Convention Center (NECC), Hongqiao, Shanghai, China.

Saudi Plastics and Petrochem 2026

21st June - 24th June 2026

Riyadh International Convention & Exhibition Center, Riyadh, Saudi Arabia.

Plastprintpack Ethiopia 2026

25th June - 27th June 2026

AICC Addis Int'L Convention Center Addis Ababa.

14th Hanoi International Plastics & Rubber Industry Exhibition

01st July - 04th July 2026

Vietnam Exposition Center (VEC) Hanoi, Vietnam.

Global Conclave On Plastics Recycling and Sustainability 2026

02nd July - 05th July 2026

Bharat Mandapam, New Delhi, India.

Total Packaging Expo 2026

30th July - 01st August 2026

Chennai Trade Centre, Chennai, India.

Hiplex 2026

07th August - 10th August 2026

Hitex Exhibition Centre, Hyderabad, India.

Cambodia Plas Pack Print 2026

13th August - 16th August 2026

Diamond Island Convention And Exhibition Center, Cambodia.

Taipei International Smart Mold & Die Industry Fair 2026

19th August - 22nd August 2026

Taipei Nangang Exhibition Center Taiwan.

PackPlus 2026

20th August - 22nd August 2026

Bharat Mandapam, New Delhi, India.

Plastics Recycling Show India (PRS)

31st August - 02nd September 2026

Bombay Exhibition Center, Mumbai, India

RACE (Recycling & Compounding Expo)

14th December - 16th December 2026

HALL 3, Bombay Exhibition Center, Mumbai, India

Plastivision India

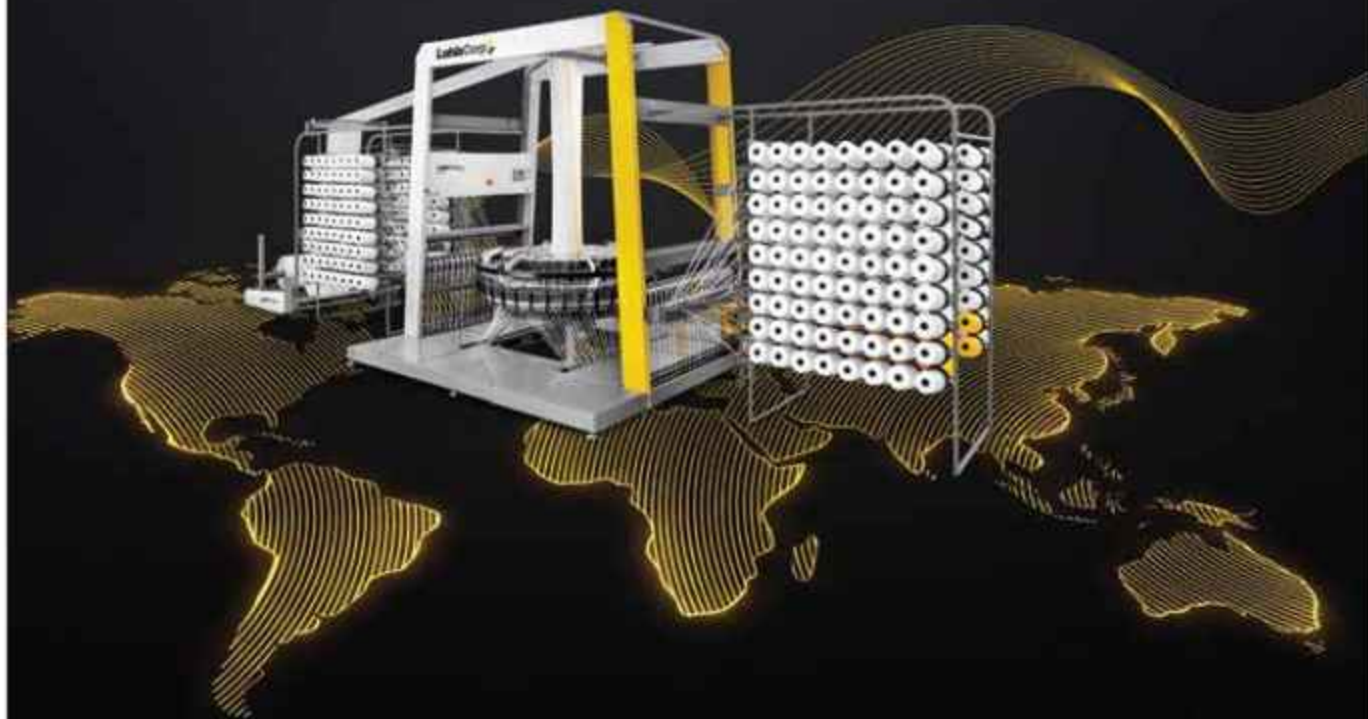
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