Chinaplas

From Challenge to Transformation: Discover the Next Breakthrough for Manufacturing

500+
Solution Providers for the Industry

Aceretech
Ausell
Avian
BBCA
Beier
BoReTech
Dafon
Erema
GENOX
INTCO
Jiaren
NatureWorks
PHABUILDER
Re-mall
Starlinger
Tomra
Topcentral
Veolia Huafei
Yuantian
Zerma...

Distinguished Buyers

ARROW
AS Watson
Bandai
Cedo
Duytan
Colgate-Palmolive
Decathlon
Hormel
IKEA
INTCO
Johnson Group
Logitech
L'Oréal Paris
Luxeed
Mars
Mengniu
Naixue
Panasonic
Sony
Unilever...

*Above lists are in alphabetical order.

WHY VISIT

Gather Global Plastics and Rubber Industry Elites at a Convergence Point

At CHINAPLAS, we move beyond "making products" to "solving production challenges". Explore how smart manufacturing, automation, and advanced materials come together to deliver scalable, low-carbon solutions — unlocking a competitive advantage grounded in sustainability.

Witness Live Demonstrations and Quantify Your ROI

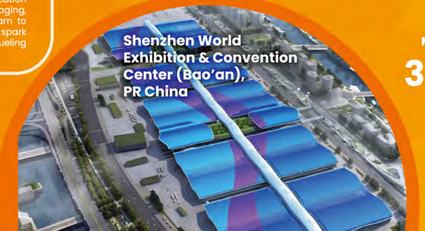
With 3,800+ machines in action, covering injection molding, extrusion, automation, and recycling, visitors can compare performance, precision, and energy efficiency. Evaluate real time output, material savings, and cycle times to drive data-driven ROI decisions.

Gain Actionable Foresight to Stay Ahead of the Curve

Themed events, tech seminars and industry forums provide deep dives into bioplastics, composites, 3D printing and AI-driven quality control beyond the show floor, offering global insights to help your team anticipate market shifts and drive sustainable growth.

Accelerate Your Innovation Cycle through Cross-industry Inspiration

CHINAPLAS brings together a wide spectrum of appplication sectors like automotive, electronics, advanced packaging, medical and new energy in one place. Expose your team to cross-industry technologies to leverage proven solutions, spark breakthrough ideas, and shorten development timelines—fueling your next big innovation.



16 THEME ZONES

MACHINE EXHIBITS

- Auxiliary & Testing Equipment Zone
- Blow Molding & Thermoforming Machinery Zone
- Extrusion Machinery Zone
- Film Tech Zone
- Flexible Plastic Packaging Machinery Zone
- Injection Molding & Smart Manufacturing Solutions Zone
- Recycling Tech Zone
- Rubber Machinery Zone

MATERIAL SUPPLIERS

- Additives Zone
- Bioplastics Zone
- Chemicals & Raw Materials Zone
- Colour Pigment & Masterbatch Zone
- Composites & High Performance Materials Zone
- Recycled Plastics Zone
- Thermoplastic Elastomers & Rubber Zone

INNOVATIVE PRODUCTS ZONE

Exhibition Area
390,000sqm

International Exhibitors
4,700+

Machine Exhibits
3,800+

Material Suppliers
1,600+

8 National / Regional Pavilions

The 39th International Exhibition on Plastics and Rubber Industries

Chinaplas 2027

Chinaplas

Advancing a Smarter, Circular Future - As One

Show Scale of **CHINAPLAS 2027** (Estimated)

Recycling

PR China
Shenzhen World Exhibition & Convention Center (Bao'an)

20 27

4·13 / 4·16

ChinaplasOnline.com

Plastics × Recycling

Policy-Driven Recycling Adoption
AI-Driven Recycling & Intelligent Manufacturing
End-to-End Synergistic Circular Economy Development

Exhibit Highlights

Empowering Industrial Innovation for the Betterment of Living

- Primary Recycling Technology
- Food-grade PCR
- High-performance Bio-based Materials
- AI Intelligent Sorting
- Fully Biodegradable Materials
- Chemical Recycling
- Enzymatic Recycling
- Bio-based 3D Printing Materials

Advanced Recycling Technologies

Plastics recycling technologies are rapidly evolving toward higher efficiency, intelligence and better collaboration. Continuous optimization of mechanical recycling improves the quality and application value of recycled materials. Deployed technologies including AI-powered identification, automated sorting and end-to-end digital traceability greatly boost waste-plastic recycling efficiency. Chemical recycling offers new solutions for complex plastic waste. Integrated multi-technologies and cross-chain collaboration upgrade the plastics circular system toward high-value, high-quality development.

Recycling Sorting Intelligent Agent Matrix
HEFEI MEYER OPTOELECTRONIC TECHNOLOGY INC.
Meyer's "Recycling Sorting Agent Matrix" harnesses advanced AI, IoT, and big data to revolutionize plastic sorting. This intelligent system features five specialized agents for comprehensive quality control, from raw material inspection to final product analysis.
It achieves breakthrough precision in separating complex materials and minute impurities as fine as 0.5mm, effectively overcoming the industry's "down cycling" challenge.

Melt Crystallizer
SHANGHAI DODGEN CHEMICAL TECHNOLOGY CO., LTD.
Dodgen Melt Crystallizer consumes only 15%-35% energy of conventional distillation and achieves product purity up to 99.999%. Equipped with proprietary crystallization technology and automatic systems, it supports chemical recycling, purifies biodegradable plastics and lithium battery raw materials to cut costs and boost domestic production of high-purity new materials.

PET Tray-to-Tray Recycling System
ZHEJIANG BORETECH ENVIRONMENTAL ENGINEERING CO., LTD.
PET Tray-to-Tray Recycling System adopts material disintegration, pulsed thermal washing, label air separation and yield improvement technologies to efficiently loosen materials and remove labels, with PET loss rate ≤5%. The finished product features adhesive residue <1000 ppm and PVC content <50 ppm, complying with FDA and EFSA standards for food-grade rPET.

High Performance Recycled Plastics

The recycled plastics industry has moved beyond low-end substitution and is comprehensively upgrading toward high-performance and high-quality output. After deep purification, modification and reinforcement, PCR, PIR, rPET, rPP and other recycled plastics deliver greatly enhanced properties. They can meet high-grade material requirements for automotive, electronics & electric , packaging sectors, etc., advancing recycled plastics from basic substitutes to high-value core materials.

Car-to-Car rPP Pellets
DA FON ENVIRONMENTAL TECHNOLOGY CO., LTD.
Our Car-to-Car technology converts end-of-life bumpers into high-purity rPP through AI vision sorting, decoating, and deep washing, enabling a compliant, traceable closed loop for automotive plastics. Multi-stage decontamination, AI precision sorting, and next-generation odor reduction create cleaner, low-odor, and stable PCR.

Enzymatic Recycling PA6
YUANTIAN BIOTECHNOLOGY (TIANJIN) CO., LTD.
This technology efficiently decomposes waste PA6 plastics into chemical monomers under normal temperature and pressure, which are then repolymerized into high-quality recycled rbPA6. The technology overcomes the challenge of degrading blended fabrics, reducing energy consumption and carbon emissions by nearly 60% compared to virgin production.

Solvent-based rPC Resin
TEIJIN LIMITED
PC resin produced by solvent-based recycling has high transparency, making it suitable for closed-loop and horizontal recovery. For example, recycling discarded car headlights for new ones or other clear parts.

Bioplastics

Bioplastics are divided into two major categories: bio-based plastics and degradable plastics. Renewable biomass feedstocks and controllable degradability provide key technical pathways for the low-carbon transition of the plastics industry. Fueled by iterative formula performance, optimized production processes and expanding downstream application scenarios, materials including PLA, PHA and bio-based PE are gaining fast adoption across packaging and consumer-goods sectors.

Waneco® PBAT Resin
WANHUA CHEMICAL GROUP CO., LTD.
Waneco® PBAT is a kind of fully-biodegradable polymer with good ductility, elongation at break, heat resistance and impact resistance. It is the main material for producing biodegradable plastic packaging.

PHA 100% Biobased 3D Printing Filament
PHABUILDER
PHA 100% biobased 3D printing filament has excellent biodegradability and mechanical properties, providing an eco-friendly and high-performance choice to meet the urgent needs of sustainable and high-quality 3D printing materials in multiple fields such as healthcare, medical cosmetics, industrial design, and consumer products.

Biodegradable PBAT / PVA Composite Granules / Enolflex
HOLYARD INTERNATIONAL CO., LTD.
Enolflex™ is a PBAT/PVA composites made by Holyard's proprietary technology. It is applicable to film blowing processes making consumer bags and mulch films.

See you in Shenzhen

Registration via Website

Registration via WeChat

WhatsApp

Privileges for Overseas Delegations

- Free admission
- Express delegation registration
- Free use of delegation lounge
- Group photo-taking upon arrival

Enquiry

(852) 2516 3307
chinaplas.buyer@adsale.com.hk

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