1,500+

Dekuma

Enmair

Fanuc Hasco for the Industry

Kingfa

KRAIBURG TPE

KraussMaffei

LG Chem

Rallychem RTP

Super-Dragon.

Sanyo Sodick Sundow

\*Above lists are in alphabetical order.

Going Beyond – Unlocking Endless Possibilities



# Distinguished

Benecke Changshun BYD CPAT Dongfeng Nissan Forvia FUYAO GAC R&D CENTER **GAC TOYOTA** 

Hyundai Marelli MINTH Mobis NIO

NINGBO JOYSON Nobo Auto

SGMW Toyoda Gosei Geely Auto VIGO

HELLA BHAP Xigomi Automobile

# Chinaplas 3 Theme Zones

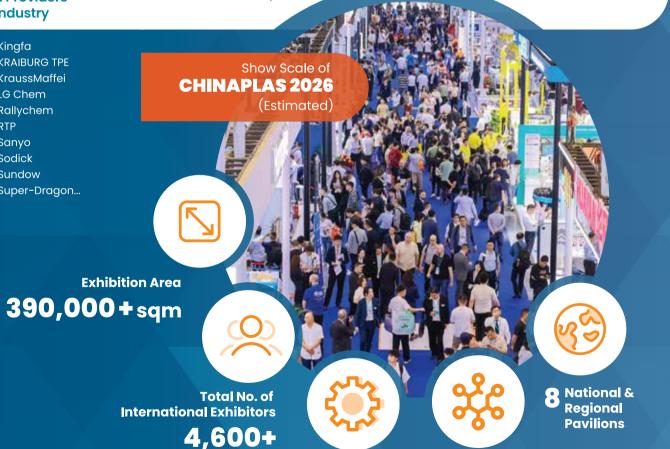
#### **Machine Exhibits**

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

#### **Material Suppliers**

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

**Innovative Products Zone** 



3.800+

**Materials Exhibitors** 

1,500+



# Why Visit?



### **Immerse in World's Leading Event**

Being the premier flagship event on plastics and rubber technology, CHINAPLAS showcases innovative solutions that can significantly enhance your business operations.



### Face-to-face Communication with **Global Suppliers and Industry Experts**

By engaging with global suppliers and industry experts face-to-face, global buyers at CHINAPLAS will uncover new markets and opportunities, positioning their businesses for arowth and success.





### See Machines in Action and **Explore High ROI Solutions**

CHINAPLAS brings together top local and overseas exhibitors to present both breakthrough and practical technologies. From live machine demos to proven solutions, it's where innovation meets real-world application, driving smart business growth.



#### **Gain Valuable Insights**

hrough extensive exhibits and thematic events at CHINAP-LAS, buyers can discover essential insights into the latest advancements and market trends, empowering them to enhance their competitiveness and stay ahead of the curve.





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## **Plastics × Automotive**

Lightweighting • Electrification Low-carbon Transition





#### **Empowering Industrial Innovation for** the Betterment of Living

In-Mold Electronic (IME) Micro-foaming Technology Film Insert Molding Technology (FIM) Integrated Injection Molding Technology Environmentally Friendly and Low-carbon Materials Biodegradable Plastics Lightweight Materials Impact-resistant and Heat-resistant Plastics



Lightweighting is a key focus in automotive innovation, driven by advancements in materials, manufacturing processes, and structural optimization. High-performance materials like carbon fiber composites reduce vehicle weight while enhancing strength and rigidity. Manufacturing processes, such as micro-foaming, thin-wall injection molding, and integrated injection molding, enable the production of lighter components without compromising durability. These cutting-edge solutions result in vehicles that are lighter, stronger, and more energy-efficient.



China Jushi Co., Ltd.

Thermoplastic roller forming composite materials using polypropylene resin and glass fiber fabric as raw materials can meet the requirements of automotive lightweight. As a new glass fiber product of continuous fiber reinforced thermoplastic naterial, 372 is especially suitable for the continuous GF/PP thermoplastic fabric sheet production process with high production efficiency and can be made of molded sheet with big width with good mechanical properties and oxygen aging



#### Longshan PPA 5309GXX Halogen-free Flame Retardant Series Products

The demand for plastics and rubber in new energy vehicles (NEVs) is set to rise. In battery systems, they are used

for sealing battery packs to prevent external damage. In the motor systems, they are made into insulating and

protective components to ensure stable operation. In electronic control systems, they encapsulate electronic

components for insulation, protection, and heat dissipation. With advancements in connected technologies of

NEVs, plastics and rubber are utilized in sensor casings, providing high strength, weather resistance, and

#### Jiangyin Longshan Synthetic Material Co.,Ltd

It has excellent Heat Resistance and high thermal deformation temperature, it can withstand the continuous high temperature of 200°C, while maintaining high hardness and high strength physical and mechanical properties, which can resist long-term tensile creep. It is not easy to deform or warp and suitable for nigh temperature working environment. The semi-crystalline PPA resin has good insulation performance and high arc resistance, which can remain stable in electrical environments and is suitable for the manufacture of electrical components. It can replace traditional metal parts, reduce the weight of new energy vehicles, and improve energy efficiency. PPA has excellent chemical resistance to gasoline, transformer oil, etc.



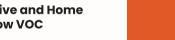
The automotive industry is increasingly adopting eco-friendly, low-carbon materials such as recycled plastics and bio-based plastics. Recycled plastics, made from waste plastics, are environmentally friendly and energy-efficient, and also suitable for applications in both interior and exterior components of vehicles. Bio-based materials, derived from renewable resources like crops, offer low carbon footprints and biodegradability, positioning them as a crucial development direction for future automotive materials.

#### **AKROMID® NEXT**

#### **Highsun Akro Engineering Materials** (Chanazhou) Co.,Ltd.

Performance and sustainability meet in AKROMID NEXT, an innovative, sustainable alternative to conventional nylons with biobased, biomass-balanced or recycled contents. Some have ISCC PLUS/REDcert, e.g., G3 GF 30 1 L CI black (8376): glass fibre-reinforced PA 6.9/PP (partly sunflower-oil biobased), ISCC PLUS-certified (33% fossil replaced by biomass-balanced PP); its REDcert counterpart is CR black (8314). Partly biobased 5.6 3 GF 30 natural (8405), HMD-free, a replacement of PA 6.6.





automobiles, creating a more environmentally friendly, healthy, and comfortable lifestyle, and leading a new trend in environmental protection for automobiles and home appliances.



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#### WITTMANN Battenfeld (Shanahai) Co. Ltd.

The unit is available for the entire series of servo-hydraulic SmartPower models, ranging from 380 kN to 4000 kN in clamping force. By using servo-electric injection units, the machine combines the advantages of the servo-hydraulic SmartPower, such as a flexible and generous mold space, with those of the all-electric EcoPower in terms of a highly dynamic control function with maximal shot-to-shot repeatability. The machine's energy efficiency can be improved still further by using a servo-electric injection unit. It should also be emphasized that even better results can be achieved through the higher dynamism and precision of the injection unit with direct drive, in combination with WITTMANN HiO assistance.



Neat PP resin for Chemical

good mechanical properties when using the

cycle time can be shortened by about 10–30%.

**Microcellular Foaming Materials** 

Suzhou Runjia Polymer Materials Co., Ltd.

Suzhou Runjia developed a new PP resin without any talc

filled, which exhibits good stiffness and impact strength,

as well as low shrinkage. It has a good appearance and

micro-foaming process. It can be used in door trim, rear

trim, etc. The weight reduction reached 30%. It has good

scratch-resistance property and the injection molding



#### HRTP4000 (Heat-resistant and Recyclable Thermal Plastic)

Electrification

electromagnetic compatibility.

#### LG Chem, Ltd.

HRTP4000 can provide high heat resistance, wear resistance, and high flexibility of the final product through differentiated technical features such as ultra-high molecular weight and high porosity compared to existing general-purpose products. It is being commercialized by applying it to EV charging cables, automotive

high-heat-resistant wires, wear-resistant flooring and automotive high-flexible artificial leather. Improved flexibility can provide convenience for charging users and improved heat/cold resistance overcomes the limitations of use in extreme environments of wires. In addition, improved wear resistance extended the life of the flooring and Soft-touch improvements made it possible to replace other materials in automotive leather.

#### **Rotary Table Type Low Pressure Adhesive Injection Molding Machine Dongguan Jintong Plastic Machinery**

Industrial Co., Ltd.

With top glue injection design, the disc single station low-pressure injection molding machine integrates console and sol system, allowing simple operation by LCD digital display screen. For the models designed for various injection encapsulated products, especially for the left and right parallel continuous wire outgoing line mold, the design is more easonable and reliable. The integrated device of rubber pump and rubber cylinder has a compact structure and stable performance. The hot runner opening needle is directly pressed on the product to inject glue, and there is no mouth material, so as to reduce the production cost Computer single-screen display, multi-language PLC control system, adjustable injection pressure, multi-temperature control module and accurate monitoring. Two hand switch mode closing, safety grating and emergency stop switch to ensure safe operation.

#### Cellulose Fiber Reinforced Plastics Polyplastics (Shanghai) Ltd.

Low GHG Emission, Lightweight Long

Polyplastics' PLASTRON LFT, now certified to ISCC PLUS standards, utilizes sustainable feedstocks for source-level decarbonization. It's used in core EV parts, such as battery housings, and is available in conductive/EMI grades, offering a key lightweight, high-performance, and eco-friendly solution for modern