

## Evonik displays its latest solutions at CHINAPLAS 2026

April 9, 2026

- Solutions focus on the transformation needs of China's manufacturing industry during the "15th Five-Year Plan" period
- Evonik booth to showcase innovations in energy transition, low-altitude economy, hydrogen industry, smart manufacturing, healthcare, and circular economy
- CHINAPLAS 2026 will be held on April 21-24 at the National Exhibition and Convention Center in Shanghai—the Evonik booth will be in Hall 7.2 - C31

**Main press contact**

**Isabel Ramor**  
Head of Market Communications  
High Performance Polymers  
Phone +49 2365 49-9878  
isabel.ramor@evonik.com

**Alternative press contact**

**Nina Peck**  
Market Communications Evonik  
Phone +49 201 177-2223  
nina.peck@evonik.com

**Shanghai.** Evonik, a global chemicals company, will present its high-performance polymers and plastic additives at CHINAPLAS 2026, Asia's largest plastics and rubber exhibition. Under the theme "WE GO BEYOND WITH plastics solutions", Evonik will showcase its innovative achievements in sustainability, energy transition, low-altitude economy, smart manufacturing, personalized healthcare, and the circular economy.

China's manufacturing sector is accelerating toward a high-end, intelligent, and green transformation. Material innovation has become a key enabler for high-quality and sustainable industrial development.

"Material innovation is the core driving force for industrial development and sustainable transformation. Evonik is committed to breaking the boundaries of material science through cross-industry collaboration and local R&D investment, creating more possibilities for future industrial development," said Xia Fuliang, President of Evonik Greater China.

At CHINAPLAS 2026, Evonik will highlight its globally leading technologies, displaying a range of solutions it has tailored for the Chinese market. These solutions will especially focus on supporting the country's strategic emerging industries such as new energy vehicles, energy storage systems, low-altitude aircraft, green hydrogen, premium consumer goods, and personalized healthcare.

**Evonik Industries AG**  
Rellinghauser Straße 1-11  
45128 Essen  
Germany  
Phone +49 201 177-01  
www.evonik.com

Supervisory Board  
Bernd Tönjes, Chairman

Executive Board  
Christian Kullmann, Chairman  
Lauren Kjeldsen  
Dr. Claudine Mollenkopf  
Thomas Wessel

Registered Office is Essen  
Register Court Essen Local Court  
Commercial Registry B 19474

## **Driving breakthroughs in new energy vehicle safety and performance**

With China's new energy vehicle industry expanding rapidly, thermal management has become essential to battery safety and performance. To especially support this industry, Evonik will display its **VESTAMID® PA12 materials**, which offer excellent chemical resistance and high-temperature performance. These materials are widely used in battery cooling lines, busbars, and energy storage systems, and meet requirements for efficient heat dissipation and long-term stable operation. Additionally, **VESTAMID® PA12** also delivers outstanding performance in data-center cooling systems, and is ideal for supporting infrastructure needed for AI and the digital economy.

Beyond thermal management, Evonik's innovative materials are also used in core automotive components such as electric drive and transmission systems. At Evonik's Shanghai Innovation Park, the newly operational **Evonik PEEK Rectangular Magnet Wire Lab** will focus on R&D for new energy vehicle motor applications — as well as the further promotion of lightweight- and high-performance solutions. A key selection of these solutions will be displayed, along with gears manufactured with **VESTAKEEP® PEEK**, which provide an advanced material solution for automotive transmissions, and play a valuable role in supporting the continued development of China's new energy vehicle industry.

## **Supporting the 'low-altitude' economy and new green aviation scenarios**

As a key area in China's "15th Five-Year Plan", the low-altitude economy is entering a period of rapid growth. To address the needs of new aircraft applications such as eVTOLs (electric vertical take-off and landing aircraft), Evonik will showcase its **ROHACELL® PMI foam**. Known for its ultra-light weight and high strength, the material can be used in the design of critical eVTOL structural components. The innovative solution enables both lightweighting and safety, and will help accelerate greener air mobility.

Evonik will also display solutions based on **VESTAMID® PA12**. Thanks to the material's excellent chemical resistance and high-temperature performance, it is ideal for use in the thermal management systems of low-altitude aircraft. These and other properties help ensure the safe and stable operation of batteries and power systems under extreme conditions, and further enhance aircraft performance and reliability.

### **Solutions for advancing personalized healthcare and the frontier of advanced manufacturing**

In China's growing personalized healthcare sector, Evonik materials have achieved tangible progress. Patient-matched cranial implants manufactured using Evonik's **VESTAKEEP® Fusion filaments** have received China's first registration certificate for medical-grade devices produced with FDM additive manufacturing—marking a major milestone for personalized healthcare in China. Furthermore, products made from **VESTAKEEP® i4 3DF for spinal implants** have obtained China's first registration certificate issued by the NMPA, enabling the material to ensure higher safety and precision to orthopedic surgery to the benefit of patients.

In support of China's additive manufacturing activities, Evonik, a pioneer in polymer 3D printing, will showcase its **INFINAM® PA12 products**, which offer high strength, chemical resistance, and excellent processability. The material has demonstrated strong potential in precision manufacturing, customized parts, and small-batch production, and is widely used in industries such as automotive, consumer goods, and medical devices. These and other Evonik solutions are ideal for supporting China's advanced manufacturing industry, as it moves toward smarter and more efficient production.

### **Unlocking material value for the expanding consumer economy**

Addressing the premium consumer goods sector, Evonik will present its **VESTAMID® PEBA elastomers**, which combine lightness in weight, outstanding impact resistance, and flexibility. These properties make **VESTAMID® PEBA an ideal material for midsoles**

**and outsoles in high-end sports footwear.** The elastomers improve comfort and durability, and address brands' needs for sustainable, high-performance materials. At CHINAPLAS, Evonik will also showcase **melt-blown nonwoven fabrics made from VESTAMID®**. These filament materials are suitable for applications such as textiles and filtration, with a light feel that supports the production of shoe uppers and premium apparel fabrics.

To meet growing market demand, Evonik is continuing to strengthen its capacity footprint. With its PA12 polymerization reactor project in Shanghai having successfully entered trial production at the end of 2025, Evonik has doubled its long-chain polyamide capacity in Asia.

#### **Accelerating the circular economy and upgrading recycled plastics**

Evonik will also showcase its innovative additive solutions for plastics recycling and processing. During mechanical recycling processes, Evonik products such as **TEGO® CYCLE** and **TEGO® Sorb** can effectively remove inks, packaging labels, and residual odors during washing and compounding. This enables the conversion of contaminated plastic waste into high-quality recyclates. Additionally, Evonik's **TEGO® PPA processing aids** provide a PFAS-free solution to improve packaging quality and environmental sustainability.

The CHINAPLAS event will also feature an expert from Evonik's Smart Effects business line, who will deliver a **keynote titled "Evonik Silica in plastics industry — Essential, Sustainable, and Safe"** at 15:40 on April 21 at Hall 2.2 – J80, as part of the "Tech Talks – 2026 New Materials" session.

Evonik welcomes customers and partners to visit its **booth in Hall 7.2-C31 at the National Exhibition and Convention Center (Shanghai) from April 21 to 24**. There, visitors can further explore the company's innovative materials and application solutions for future industries. Customers and partners are also invited to follow the official Evonik WeChat account for the latest updates.

# # #

**Evonik: Leading beyond chemistry**

Evonik goes beyond the boundaries of chemistry with its combination of innovative strength and leading technological expertise. The global chemical company, headquartered in Essen, Germany, is active in more than 100 countries and generated sales of €15.2 billion and earnings (adjusted EBITDA) of €2.1 billion in 2024. The common motivation of the approximately 32,000 employees: to provide customers with a decisive competitive advantage with tailor-made products and solutions as a superforce for industry, thereby improving people's lives. In all markets. Every day.

**About Advanced Technologies**

The Advanced Technologies segment includes Evonik's market-leading businesses that leverage technological expertise and process know-how. These businesses feature high-performance polymers and crosslinking agents, hydrogen peroxide and silica, as well as feed ingredients. In 2024, the segment generated sales of €6.1 billion with around 8,000 employees.

**Disclaimer**

In so far as forecasts or expectations are expressed in this press release or where our statements concern the future, these forecasts, expectations or statements may involve known or unknown risks and uncertainties. Actual results or developments may vary, depending on changes in the operating environment. Neither Evonik Industries AG nor its group companies assume an obligation to update the forecasts, expectations or statements contained in this release.