

News Release

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BASF to showcase sustainable additive solutions at CHINAPLAS 2024

- **IrgaCycle[®], an enabler for mechanical recycling**
- **Advanced light stabilizers and antioxidants to make plastics more sustainable**
- **Tech Talk sessions with insights into the role of additives in recycling**
- **BASF at CHINAPLAS 2024: Hall 7.2 Booth C42, National Exhibition & Convention Center, Shanghai**

BASF joins CHINAPLAS 2024, a landmark event in the plastic and rubber industries, to present its latest additive offerings, which significantly increase the sustainability of various plastic applications. These solutions help customers from the plastics industry achieve their sustainability goals by improving durability, reducing emissions, and enhancing the performance and quality of recycled plastics.

“CHINAPLAS 2024 gives us a great opportunity to invite our customers to BASF’s plastics journey, which is all about developing sustainable solutions, promoting circularity, and driving innovation in the plastics industry,” said Hazel Sprafke, Vice President, Global Business Management, Plastic Additives, Asia Pacific.

IrgaCycle[®] improves the mechanical recycling process

If used plastics are mechanically recycled for a second life, additives are needed to enhance recyclates. BASF partners with Axroma, a Taiwanese textile producer to convert discarded fishing nets into T-shirts. Axroma recovers polypropylene (PP)

from the nets and spins it into fibers, achieving a higher recycled content with the help of BASF's IrgaCycle.

Teampلاس Group utilizes IrgaCycle to produce 100% recycled pellets for car stereo frames, enhancing surface finish and thermal stability. IrgaCycle is also being used by a household goods manufacturer to create storage containers from upcycled plastic trays, minimizing loss in mechanical strength during recycling. These containers meet European and U.S. food contact regulations.

Additives that make plastics stronger, safer, and more durable

In addition to their role as a recycling enabler, additives are required to make plastics more sustainable. The newly released Irgastab® PUR 71 used in car roof panels is a sustainable option for polyol and foam producers as it reduces emissions and improves air quality in vehicles. It contains no harmful substances, enhances mechanical properties, and prevents color change in plastics.

Tinuvin® 2730, the latest addition to the product family, offers superior light stability. It helps pontoons last up to 30 years, surpassing conventional products. Other applications, such as Tinuvin NOR® for greenhouse films and Irgastab for enhanced latex stability for shoe soles, will be highlighted at the BASF booth.

Fertile ground for gathering valuable insights

At Tech Talks during CHINAPLAS, BASF's experts will share insights on the key role of plastic additives in increasing recycled content and improving recycle quality. Highly effective antioxidant solutions for rubber will also be presented. More details on Tech Talks can be found [here](#).

“CHINAPLAS 2024, a truly international event, does not just allow us to showcase our latest products and initiatives,” added Sprafke. “At CHINAPLAS, resin, compound, and masterbatch producers will experience the future of plastic additives technology, connect, and identify new opportunities that will accelerate the shift to a circular economy.”

For more information, please follow the BASF Plastic Additives WeChat page.



About BASF plastic additives

BASF is a leading supplier, manufacturer, and innovation partner of plastic additives. Its comprehensive and innovative product portfolio includes additives that provide ease in processing, and heat and light resistance to a variety of polymers and applications including molded articles, films, fibers, sheets, and extruded profiles. The portfolio is constantly analyzed, assessed and actively improved towards solutions which make a larger contribution to sustainability. More information about plastic additives: www.plasticadditives.basf.com.

BASF plastic additives is part of BASF's Performance Chemicals division. The division's portfolio also includes fuel and lubricant solutions, as well as oilfield chemicals and mining solutions. Customers from a variety of industries including Chemicals, Plastics, Consumer Goods, Energy & Resources and Automotive & Transportation benefit from our innovative solutions. To learn more, visit <http://www.performancechemicals.basf.com>.

About BASF

At BASF, we create chemistry for a sustainable future. We combine economic success with environmental protection and social responsibility. Around 112,000 employees in the BASF Group contribute to the success of our customers in nearly all sectors and almost every country in the world. Our portfolio comprises six segments: Chemicals, Materials, Industrial Solutions, Surface Technologies, Nutrition & Care and Agricultural Solutions. BASF generated sales of €68.9 billion in 2023. BASF shares are traded on the stock exchange in Frankfurt (BAS) and as American Depositary Receipts (BASFY) in the United States. Further information at www.basf.com.