

# News Release

## **CHINAPLAS 2024: BASF accelerates plastics journey with suite of recycled grades and circular solutions**

- **Presents polyamide with an attributed share of pyrolysis oil, originating from Asia-sourced post-consumer plastic waste**
- **Showcases sustainable plastic additive solutions**
- **Full portfolio of material solutions that enable customers' sustainability journey and targets in Asia**
- **BASF at CHINAPLAS 2024: Hall 7.2 Booth C42, National Exhibition and Convention Center (Shanghai)**

Shanghai, China – April 23, 2024 – At CHINAPLAS 2024, BASF presents co-creations based on circular solutions, including its Ultramid® Ccycled® polyamide (PA) with an attributed share of pyrolysis oil which is originating from Asia-sourced post-consumer plastic waste, and based on the mass balance approach. BASF has earlier announced an innovative 'Design-for-Recycling' polyurethanes (PU) foam technology enabling simplified and scalable recycling of PU foam. BASF also moves ahead in its plastics journey towards a more sustainable future with the availability of a suite of recycled grades.

“With the roll-out of a broad spectrum of sustainable offerings at CHINAPLAS 2024, BASF is proudly presenting its commitment to offer a full portfolio that enables our customers' sustainability journey and targets in Asia,” said Andy Postlethwaite, Senior Vice President, Performance Materials Asia Pacific, BASF. “In particular, the 'Made in Asia for Asia' mass-balanced Ultramid Ccycled with an attributed share of pyrolysis oil originating from Asia-sourced post-consumer plastic waste in Asia,

demonstrates BASF's strong focus on feedstock transformation in its integrated value chains."

In addition, BASF presents its latest additive offerings, which significantly increase the sustainability of various plastic applications.

"CHINAPLAS 2024 will give us a great opportunity to connect with key industry players, share insights into the future of plastic additives technology, and identify new opportunities that will accelerate the shift to a circular economy," said Hazel Sprafke, Vice President, Global Business Management, Plastic Additives, Asia Pacific, BASF.

Mechanical recycling together with chemical recycling is an essential component of the circular economy. It recovers plastic waste and gives it a second life. During this process, plastic additives play a vital role. IrgaCycle<sup>®</sup>, a unique combination of additives, enables resin producers, compounders, and recyclers to achieve a higher recycled content, control the variation in the quality of recyclates, and improve the performance of their final products.

Car stereo frames made from 100% recycled pellets, T-shirts turned from old fishing nets, and storage containers made from upcycled plastic trays are prime examples of IrgaCycle used as an enabler for the recycling process. Recently launched Irgastab<sup>®</sup> PUR 71 for car roof panels, Tinuvin<sup>®</sup> 2730 for superior light stability in products such as pontoons and the NOR technology used in greenhouse films will also be showcased at CHINAPLAS 2024.

Our Plastics Journey is an ongoing commitment by BASF to drive the transformation of the plastics industry towards a more sustainable and circular future. It is a comprehensive initiative that encompasses the entire lifecycle of plastics, from production to disposal and beyond. In addition to material innovation, BASF is actively involved in advancing the circular economy for plastics. This includes designing products and packaging with recyclability in mind, optimizing manufacturing processes to reduce waste, and collaborating with partners to establish efficient collection and recycling systems. By closing the loop and reintroducing recycled plastics into the value chain, BASF aims to minimize resource depletion and the environmental impact of plastic waste.

With chemical recycling, post-consumer plastic waste that is not recycled mechanically for technical or economic reasons is converted into pyrolysis oil. The

recycled feedstock is fed into BASF's production process as a drop-in solution to enable customers' requirements such as product carbon footprint reduction target and recycled content target\*. The share of recycled material is attributed to the certified products according to a third-party audited mass balance approach.

"With China's transition to a growth model focused on high-quality manufacturing and sustainability, we are well positioned at BASF to meet the growing market demand for innovative and sustainable chemical products. Through our participation in CHINAPLAS 2024 and other platforms, we connect with our customers and partners to jointly accelerate the plastics journey, as well as support the development of new quality productive forces in China," said Dr. Jeffrey Lou, President and Chairman of BASF Greater China.

For press photo and updates on BASF at CHINAPLAS 2024, click [here](#).

*\* Conventional fossil raw materials required to manufacture BASF products are replaced with recycled feedstock from the chemical recycling of plastic waste or end-of-life tires along BASF's integrated production chain. The corresponding share of recycled feedstock, e.g. pyrolysis oil, is attributed to the specific Cycled product via a certified mass balance approach. BASF sites and Cycled products are third-party certified according to internationally recognized certification schemes like REDcert2 and ISCC PLUS and meet the definitions by ISO 22095:2020. The recycled feedstock is not measurable in the BASF mass balance product. The cradle-to-gate PCF is calculated according to TFS Methodology using an Upstream System Expansion (USE) approach. USE accounts for a credit for the displaced waste treatment from the first life cycle (e.g. incineration), thereby reducing the product carbon footprint compared to the equivalent conventional fossil product.*

### **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](http://www.basf.com).