

News Release

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BASF and Teampلاس give waste a second life

- **Teampلاس turns post-consumer waste into materials for high-end applications**
- **BASF's IrgaCycle® stabilizes recyclates used for office furniture and home appliances**

BASF and Teampلاس Group, a leading manufacturer of recycled pellets in Southeast Asia, have collaborated to transform post-consumer waste into new high-quality office equipment and car interior parts with the help of BASF's IrgaCycle®.

With a wide network of local waste collectors of household products, E&E equipment, and end-of-life vehicles, Teampلاس produces recycled pellets for use mainly in electrical appliances. To address their customers' growing demand for high-quality recycled resins, Teampلاس decided to use IrgaCycle to compatibilize mixtures of polyolefin plastics and mitigate the thermal and mechanical stress of the recycling process.

"Our priority is to help Teampلاس control the variation in the quality of recyclates and improve the performance of their final products," said Hazel Sprafke, Vice President, Global Business Management, Plastic Additives, Asia Pacific. "As IrgaCycle is a unique combination of additives, it is safe and easy to dose as needed to minimize the impact of impurities in recyclates."

In addition, with the use of IrgaCycle, Teampلاس can improve the surfaces of parts produced using their recyclates. Chair armrests, printer exteriors, and car stereo frames can all be produced with higher gloss and greater long-term thermal stability.

IrgaCycle can even enable these finished products to be made with 100% recycled pellets. The use of plastics in high-value applications drives a growing circular economy and helps reduce greenhouse gas emissions for a positive impact on climate change.

“The joint efforts between BASF and Teampلاس will continue as we aim to use IrgaCycle for applications in the packaging industry,” said Pongsakorn Atichatsrisakul, Executive Director of Teampلاس Group. “Our partnership with BASF will not only help us tackle recycling quality but contribute to the goals laid out in the Thai government’s National Roadmap on Plastic Waste Management (2018-2030).”

As part of BASF’s VALERAS portfolio, IrgaCycle consists of a series of plastic additive formulations, which enable recycled plastics to be used for the production of high-value parts in combination with virgin materials.

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. More than 111,000 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 €87.3 billion in 2022. 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.