

LANXESS inaugurates high-tech plastics plant in China

- **High-performance plastics for the automotive sector and the electrical and electronics industry**
- **Production plant designed to be intelligent**
- **Highest standards in environmental protection**

Cologne/Changzhou – Specialty chemicals company LANXESS officially inaugurated its new plant in Changzhou, China, on September 25, 2019. The compounding facility produces Durethan- and Pocan-branded high-tech plastics, especially for the automotive sector and the electrical and electronics industry.

“This facility was built to address several strategically vital markets,” said Hubert Fink, Member of the LANXESS Board of Management, in his speech at the opening ceremony. “In the automotive industry, lightweight materials become ever more important in new mobility. At the same time, the electrical & electronics sector sees an increasing need for best-in-class flame retardant, easy flow and easily processable grades.”

“With the new plant, we are responding to the trend towards the increased use of lightweight materials. We are committed to this long-term development,” said Michael Zobel, Head of the High Performance Materials business unit.

Entire production system designed to be intelligent

Intelligent production is a substantial highlight of the new plant. From batching, hot melting, mixing, cooling, granulating, pellet cooling to palletizing, the entire system is designed to be intelligent. For example, the batching system adopts multiple continuous loss-in-weight feeders to realize continuous production. The pellet processing system can conduct feeding and convey in a fully

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automated manner. The high-temperature plastic strands from the extruder can automatically enter a cooling bath for full cooling, before being sent to the automatic conveyor, and then to the pelletizer for granulation.

Highest standards in environmental protection

LANXESS equips all its new production sites with state-of-the-art technology, also with regard to environmental standards. To this end, the new plant incorporates various innovative measures in environmental protection such as state-of-the-art mixers with high performance and low energy consumption and efficient wastewater, waste gas and dust treatment systems to achieve a clean production process with low energy consumption, low material consumption and less pollutants.

Global production network for high-performance plastics

The business unit High Performance Materials operates a global production network at the following locations: Dormagen (Research & Development); Krefeld-Uerdingen (PA 6 Polymerization, Compounding); Hamm-Uentrop (PBT Polymerization, Compounding); Brilon (Tepex Production and Development); Antwerp, Belgium (PA 6 Polymerization); Wuxi, China (Compounding); Changzhou, China (Compounding); Jhagadia, India (Compounding); Gastonia, USA (Compounding); and Porto Feliz, Brazil (Compounding).

LANXESS is a leading specialty chemicals company with sales of EUR 7.2 billion in 2018. The company currently has about 15,400 employees in 33 countries and is represented at 60 production sites worldwide. The core business of LANXESS is the development, manufacturing and marketing of chemical intermediates, additives, specialty chemicals and plastics. LANXESS is listed in the leading sustainability indices Dow Jones Sustainability Index (DJSI World and Europe) and FTSE4Good.

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Image



LANXESS has commissioned a new compounding plant at its site in Changzhou, China. This will enable the company to produce high-performance plastics under the Durethan (polyamide) and Pocan (PBT) brands – especially for the automotive industry and the electrical and electronics industries. Photo: LANXESS AG

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