

Sulzer signs agreement with Jindan New Biomaterials in China for production of biobased plastic

24 May 2023

Jindan will utilize Sulzer's licensed PLA technology at its new manufacturing plant to produce up to 75'000 tonnes of PLA per year, mainly to be used for food packaging, molded goods and fibers production.

Sulzer has recently signed an agreement with major lactic acid (LA) producer, Jindan New Biomaterials (Jindan), to enable the production of polylactic acid (PLA), a biobased plastic. Jindan will utilize Sulzer's licensed PLA technology at its new manufacturing plant in Henan Province to produce up to 75'000 tonnes of PLA per year, mainly to be used for food packaging, molded goods and fibers production. Sulzer will also provide extensive service support to ensure a seamless start.

Enabling the transition to sustainable, circular practices

Jindan's new bioplastic facility will produce PLA in a variety of grades to support the expanded use of bioplastics in several sectors in China, including the textile and package manufacturing industries. To enable the company's transition towards more sustainable, circular practices, Sulzer Chemtech will design and supply its key proprietary PLA technology, while further providing extensive engineering and technical support and field services as the manufacturer commences operations.

Sulzer's Executive Chairwoman Suzanne Thoma said: "Our leading technologies are currently used at the vast majority of existing PLA facilities worldwide and support the increased adoption of circular manufacturing practices and sustainable materials. We are pleased to collaborate with Jindan New Biomaterials to meet ever-increasing market demand for bioplastics."

Mr. Shi Congliang, President of Jindan New Biomaterial, added: "By investing in Sulzer's PLA solutions, we are taking key, strategic steps to advance our competitiveness in the booming biopolymer industry and drive the use of greener plastics. Thanks to its comprehensive expertise in the PLA value chain and all the stages involved, Sulzer Chemtech is an extremely valuable partner. We look forward to installing the equipment and starting-up our enhanced operations."

Image captions:

Image 1: Sulzer has recently signed an agreement with, Jindan New Biomaterials (Jindan) to enable the production of polylactic acid, a biobased plastic. (Source: Shutterstock 173260085)



Image 2: Sulzer's licensed PLA technology at its new manufacturing plant in Henan Province to produce up to 75'000 tonnes of PLA per year, mainly to be used for food packaging, molded goods and fibers production. (Source: shutterstock_558430825)

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About Sulzer

Sulzer is a global leader in fluid engineering. We specialize in pumping, agitation, mixing, separation and application technologies for fluids of all types. Our customers benefit from our commitment to innovation, performance and quality and from our responsive network of 180 world-class manufacturing facilities and service centers across the globe. Sulzer has been headquartered in Winterthur, Switzerland, since 1834. In 2021, our 13'800 employees delivered revenues of CHF 3.2 billion. Our shares are traded on the SIX Swiss Exchange (SIX: SUN).

The Chemtech division is the global market leader in innovative mass transfer, static mixing and polymer solutions for chemicals, petrochemicals, refining and LNG. We are steering the way in ecological solutions such as bio-based chemicals, polymers and fuels, recycling technologies for textiles and plastic as well as carbon capture and utilization/storage, contributing to a circular and sustainable economy. Our product offering ranges from process components to complete process plants and technology licensing.

Visit our LinkedIn channel at www.linkedin.com/showcase/sulzer-chemtech for exciting updates and more!

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