

## **Sulzer expands bioplastics portfolio with new biodegradable polymer**

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**Sulzer is launching a new end-to-end licensed technology – CAPSUL™ – for the continuous manufacturing of polycaprolactone (PCL), a biodegradable polyester often used in the packaging, textile, agricultural and horticultural industries. The CAPSUL™ solution enables optimal process performance for production of premier quality PCL grades at competitive rates. It joins Sulzer’s existing offering in renewable and circular plastic technologies, including polylactic acid (PLA) process technology.**

Sulzer Chemtech’s CAPSUL™ PCL technology includes all purification and polymerization steps as part of a fully integrated, highly efficient and continuous process. Building on Sulzer’s expertise in separation and reaction processes, the new biopolymer technology is highly adaptable to a broad range of industrial scales that can help drive adoption of biodegradable and compostable PCL. Key applications for high-quality PCL include consumer packaging, 3D printing, footwear, agricultural films, textiles, and medical devices.

Uwe Boltersdorf, Chemtech Division President at Sulzer, comments: “As a biodegradable polymer, PCL has a crucial role to play in the reduction of plastic waste. We look forward to enabling the larger scale production of PCL from conventional and more renewable resources, as we continue to support industry stakeholders leverage their competitive edge in sustainability.”

**Image captions:**

**Image 1:** Sulzer is launching CAPSUL™, a new licensed technology for the continuous manufacturing of biodegradable polyester polycaprolactone (PCL)

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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](https://www.linkedin.com/showcase/sulzer-chemtech) for exciting updates and more!

[www.sulzer.com](https://www.sulzer.com)

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