Press Release

Growing Interest in polyamide yarn systems

First PA66 spinning plant with EvoQuench successfully commissioned

Longkou (Shandong Province), Remscheid, December 11, 2025 – With the successful commissioning of a multi-digit PA66 spinning line for microfiber yarns, Chinese textile company Shandong Nanshan Fashion Technology Co., Ltd. has added yarn production to its textile value chain.

The world's first PA66 spinning plant in combination with an EvoQuench radial quenching system achieved excellent yarn data right from the start with high plant efficiency. The new plant produces high-quality microfiber yarns for its own downstream production stages. In its first year of operation, the yarn produced on the Barmag plant has already established itself as a first-class product in terms of quality and price. This provides the company with the best conditions for the internationalization of its fashion brands.

The large-scale polyamide 66 project reflects the current market demand for polyamide yarns as a whole. “We are seeing increased interest in polyamide yarn plants. PA66 is a particular focus,” notes Barmag Sales Director Jens Schumacher. “We have recently signed contracts for two more similar projects in East Asia.” The more comfortable wearing properties of polyamide compared to polyester justify the higher yarn price and thus make polyamide yarn production profitable; EvoQuench radial quenching also enables the efficient production of microfiber yarns.

Strategic partnership for PA6 and PA6.6 solutions
At the end of 2023, Barmag and Nanshan Fashion signed a strategic cooperation agreement for polyamide POY and DTY. This laid the foundation for chemical fiber production at Nanshan Fashion. The company is part of the publicly traded Nanshan Group and is one of the top 500 companies in China.

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Caption:
The EvoQuench radial quenching system enables efficient production of microfiber yarns for both PA6 and PA66.

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About Barmag
Under the traditional name Barmag, the Swiss Oerlikon Group has been continuing its chemical fiber business as a subsidiary since 2025. This includes the established product brands Oerlikon Barmag, Oerlikon Neumag and Oerlikon Nonwoven. As a future-oriented company, research and development are focused on energy efficiency and sustainable technologies (e-save).

Barmag is one of the leading suppliers of filament spinning plants for chemical fibers, texturing machines, BCF plants, staple fiber plants and solutions for the production of nonwoven fabrics. Together with its range of polycondensation and extrusion systems and their key components, Barmag thus covers the entire manufacturing process – from monomer to textured yarn – and supports it with customer-oriented engineering services. The product portfolio is rounded off by automation and digitalisation solutions. In addition, Barmag offers high-precision gear metering pumps for the textile industry and other sectors, including the automotive, chemical and paint industries.

The main markets for the Barmag product portfolio are in Asia, particularly China, India, Turkey and the USA. Barmag employs around 2,500 people worldwide and is represented in 120 countries with production, sales and service organisations. In the research and development centres in Remscheid, Neumünster (Germany) and Suzhou (China), highly qualified engineers, technologists and technicians develop innovative and technologically leading products for tomorrow's world.

Oerlikon (SIX: OERL) is a global leader in surface technologies. Headquartered in Pfäffikon, Switzerland, the Group has over 12,000 employees at 199 locations in 38 countries and generated sales of CHF 2.4 billion in 2024.

For further information, please visit: www.barmag.com

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