

Press Release**Oerlikon Neumag at Domotex 2018**

Cost-efficient BCF yarn production for demanding processes with Sytec One from Oerlikon Neumag

Hannover/Neumünster, 11 January 2018 – Cost-efficient production of carpet yarns beyond commodity products can constitute a challenge. Highly standardized production systems must strike compromises with regard to throughput, quality or cost-efficiency. At the Domotex 2018, the world's largest trade fair for floor coverings, Oerlikon Neumag will present the Sytec One solution for demanding BCF processes.

The Sytec One is a BCF plant with only one end per position. Due to this single-end characteristic, it is particularly well suited for demanding production processes, such as recycled polyester or fine filaments. The reason: In the event of a yarn break, only one end breaks. All the other positions are not affected and continue to run. As a result, this plant has a higher efficiency compared with a multi-end technology plant. For example, with ten breaks a day, the efficiency of the Sytec One is still over 98%, while a three-end technology achieves only 92% efficiency.

Higher productivity due to the straight yarn path

The machine concept of the Sytec One with its absolutely straight yarn path in spinning and texturing also enables significantly higher process speeds compared to multi-end technologies. This results in a speed increase of up to 15%.

In addition to standard processes, more demanding processes with higher break rates play an increasingly important role. "The product mix is critical to the choice of technology," said Martin Rademacher, vice president of sales Oerlikon Neumag. "We are in the comfortable position of being able to offer our customers both a single-end and a three-end technology."

268 words

Picture: The Sytec One from Oerlikon Neumag guarantees cost-efficient BCF yarn production in demanding processes.

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About Oerlikon

Oerlikon (SIX: OERL) is a leading global technology Group, with a clear strategy to become a global powerhouse in surface solutions, advanced materials and materials processing. Backed by the key ability to intelligently engineer and process surface solutions and advanced materials, the Group is committed to invest in value-bringing technologies that provide customers with lighter, more durable, more efficient and environmentally sustainable products. A Swiss company with over 100 years of tradition, Oerlikon has a global footprint of over 13 500 employees at more than 180 locations in 37 countries and sales of CHF 2.3 billion in 2016. The company invested CHF 94 million in R&D in 2016 and has over 1000 specialists developing innovative and customer-oriented products and services.

For further information: www.oerlikon.com

About the Oerlikon Manmade Fibers segment

With its Oerlikon Barmag and Oerlikon Neumag brands, Oerlikon Manmade Fibers segment is the world market leader for manmade fiber filament spinning systems, texturing machines, BCF systems, staple fiber systems and artificial turf systems and – as a service provider – offers engineering solutions for the entire textile value added chain. As a future oriented company, the research and development at this division of the Oerlikon Group is driven by energy-efficiency and sustainable technologies. With the expansion of the product range to include polycondensation systems and their key components, the company now caters to the entire process – from the monomer all the way through to the textured yarn. The primary Oerlikon Barmag markets are in Asia, and – for Oerlikon Neumag – in the USA, Turkey and China. Correspondingly, Oerlikon Barmag and Oerlikon Neumag – with just under 2,500 employees – has a worldwide presence in 120 countries as part of the Oerlikon Manmade Fibers network of production, sales and distribution and service organizations. At the R&D centers in Remscheid, Neumünster and Chemnitz, highly-qualified engineers and technicians develop innovative and technologically-leading products for tomorrow's world.

For further information: www.oerlikon.com/manmade-fibers