

Press Release

Domotex Asia / Chinafloor 2017

The trend towards PA6 specialties continues

Neumünster, February 14, 2017 – more than 1.6 million metric tons of BCF carpet yarn are produced worldwide using Oerlikon Neumag BCF plants. Between March 21 and 23, 2017, the experts of the Neumünster-based market leader will be exhibiting their comprehensive technology know-how and efficient solutions in Hall W3, Stand F03 at the Domotex Asia/Chinafloor in Shanghai.

Manufacturing PA6 BCF yarns more profitably

One information focus will be on manufacturing PA6 BCF yarns. According to PCI Redbook, just under 90,000 metric tons of additional capacity have been installed for the production of melt-dyed and raw white PA6 yarns over the last five years. Oerlikon Neumag's share of these capacities totals approx. 65%. And the trend towards high-end, fine single-titer PA6 BCF yarns continues unabated in China. "Oerlikon Neumag's recent sales success, above all with Chinese companies such as Jiangsu Kaili Carpet and Zhejiang Sitong Chemical Fibre, demonstrates that we are – with our technology – catering precisely to the challenging demands of carpet yarn producers within this growth market", explains Alfred Czaplinski, BCF Sales Manager.

The melt lines, specially optimized for this process, ensure optimum melt quality. A depositing shoe on the texturing unit especially developed for this and a so-called 'V' cooling drum guarantee the highest degree of crimp evenness and quality. And the specially-designed texturing components cater to the very highest demands when it comes to short-pile automotive applications.

High-tech for innovative BCF yarns

And Oerlikon Neumag – as the world market leader – has not only correspondingly further optimized its technologies in the PA6 yarn sector in line with market and customer requirements over the past few years, innovative components and continual process optimization also increase the efficiency of the S+ and Sytec One BCF systems in the case of PP and PET, perfecting the yarn qualities here. The RoTac tangling unit and the Multi Machine Access Center (MMAC) are just two of the many successful examples:

The RoTac tangling unit improves – as a result of tangling knots set at defined distances and thicknesses – not just the appearance of, particularly tricolor, carpets, the pulsating air flow ensures, compared to conventional tangling units, also consumes up to 50% less compressed air.

The Multi Machine Access Center is targeted at customers looking for a solution for networked production that is specifically tailored to their requirements. The MMAC permits stationary and mobile monitoring of Oerlikon Neumag BCF systems. Here, the scope of process visualization is oriented on the specific wishes of the customer.

409 words



Caption 1: Oerlikon Neumag BCF Solution S+ - the market leading system for the production of BCF yarn.

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About Oerlikon

Oerlikon (SIX: OERL) is a leading global technology Group, with a clear strategy of becoming a global powerhouse in surface solutions, advanced materials and materials processing. The Group is committed to investing in value-bringing technologies that provide customers with lighter, more durable materials that are able to increase performance, improve efficiency and reduce the use of scarce resources. A Swiss company with over 100 years of tradition, Oerlikon has a global footprint of over 13 500 employees at more than 170 locations in 37 countries and sales of CHF 2.7 billion in 2015. The company invested CHF 103 million in R&D in 2015 and has over 1 350 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, nonwovens 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