

Press Release**10th anniversary of China Textile Round Table-Forum****Oerlikon showed Potential for further
Modernization of Chinas Textile Industry**

Remscheid, Germany / Beijing, China, 31 January 2015 – The tenth anniversary of the Annual Meeting of China Textile Round-Table Forum, again sponsored by Oerlikon Manmade Fibers, was held on January 31, 2015 in Beijing Capital Hotel. Ten years has pasted since Oerlikon Manmade Fiber first sponsored this High-end Forum. China Textile Round-Table Forum is organized by CNTAC and hosted by China Textile Economy Research Center and News Center of CNTA. This year Oerlikon Manmade Fibers Segment CEO Georg Stausberg presented to more than 300 participants the results of the exclusive study “Sustainable growth through value innovation”. His presentation supplemented the motto of the event: “China’s Textile Industry under the New Normal”.

The study investigates the potential savings to the Chinese textile industry if outdated machinery were to be replaced with modernized technologies. Continuous development of Oerlikon Manmade Fibers technologies has generated high economical benefits that include energy savings, reductions in CO2 emissions, land savings and productivity increases.

Outdated filament spinning technologies in China currently account for 42% of the total energy consumption and CO2 emissions, but can supply only 16% of the total filament production. With the latest technology, the specific average power consumption per ton was reduced by 55% (WINGS FDY) and 40% (WINGS POY) compared to outdated technology dating from the mid-nineties. If these machines were to be replaced with the latest Oerlikon Barmag equipment, the energy consumption would be reduced by 78 000 MWh and the CO2 emissions by 42 000 tons. The lower load to the power grid reduces the difficulties with power shortages in high-demand peak seasons, such as hot summers or smog in winter, as fewer coal power plants are needed. The latest technology could increase productivity by up to 200%. This is essential for maintaining the competitiveness of the Chinese textile industry.

Another big environmental topic these days is the energy and water consumption as well as waste water pollution within the textile value chain. Especially the dyeing plants are in focus of the government due to the water pollution. Oerlikon Manmade Fibers 3DD polymer mixing technology offers the production of high quality spun dyed yarns for direct usage, eliminating the polluting dyeing step in the textile chain.

“All in all, this study shows that Oerlikon Barmag’s and Oerlikon Neumag’s latest technologies can support China to reach the energy saving potentials and to support the people to have a better and cleaner living environment”, said Georg Stausberg.

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About Oerlikon

Oerlikon (SIX: OERL) is a leading high-tech industrial group specializing in machine and plant engineering. The Company is a provider of innovative industrial solutions and cutting-edge technologies for manmade fibers manufacturing, drive systems, vacuum, surface solutions and advanced nanotechnology. A Swiss company with a tradition going back over 100 years, Oerlikon is a global player with around 16 000 employees at over 170 locations in 35 countries and pro-forma sales of CHF 3.6 billion in 2013. The Company invested in 2013 CHF 146 million in R&D (pro-forma 2013), with over 1 200 specialists working on future products and services. In most areas, the operative businesses rank either first or second in their respective global markets.

About Oerlikon Segment Manmade Fibers

Oerlikon Manmade Fibers with the product brands Oerlikon Barmag and Oerlikon Neumag is the world market leader for filament spinning systems used for manufacturing manmade fibers, texturing machines, BCF systems, staple fiber spinning systems and artificial turf systems and – as an engineering services provider – offers solutions along the entire textile value added chain. As a future oriented company, the Oerlikon Group segment's research and development 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, with Oerlikon Neumag's main markets in the US, Turkey and China. Correspondingly, the companies – with almost 2500 employees – have 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, Neumuenster 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.