

Manmade Fibers segment acquires PE Polymer Engineering Plant Construction GmbH

Polyamide process chains complemented

Polyamide is used in countless everyday items – from apparel, toothbrushes, carpets and automobile fittings all the way through to PC housings, dowels and pipes. For manufacturing extremely flexible, high-performance products from polyamide 6 (PA6), Oerlikon Manmade Fibers offers a broad range of machines and systems that the company has now further expanded.

At the end of March 2018, the group segment acquired the decades-long tried-and-tested technology of PE Polymer Engineering Plant Construction GmbH, based in Thuringia, Germany. This includes the entire polyamide 6 polycondensation systems division and its PA6/6.6 co-polymer and the patented dimer-hydrolysis procedures for feeding recycled-lactam with the very highest end-product quality. With this expansion of the product range to include the melt preparation process step, Oerlikon Manmade Fibers now covers the entire polyamide process chain for fibers and filaments – from the melt to the granulate through to the finished yarn. This guarantees the necessary knowledge base for entering the high-end PA6 granulate market for the engineering plastics and film packaging industries. Customers also benefit from an internationally tried-and-tested implementation concept that covers everything from sourcing investment through to securing operational availability throughout the entire l



Caption:

Nylon is the trade name, polyamide the material for such stockings. With its special properties, polyamide has become indispensable in the textile world.