

WINGS FDY FLEX covers a wide range of deniers and differential products.

More flexibility and more sustainability in the FDY process

Remscheid (Deutschland)/Shanghai (China), 16. November 2023 – One for all polyester yarns – this is the promise of WINGS FDY FLEX. Maximum flexibility with up to 32 ends for the yarn producer combined with all the advantages of the WINGS series: energy efficiency, user-friendliness, reduced waste rates, excellent yarn quality. And – as the first WINGS FDY take-up system – it can be used for a wide range of rPET applications.

WINGS FDY FLEX is the latest addition to the WINGS family for the FDY process. What is new is the increased flexibility: WINGS FDY FLEX scores above all with a variety of possible end products such as semi-dull, full-dull and trilobal bright yarns as well as cationic dyeable, dope dyed and rPET polymers.

Its large process window with a denier range from 30 to 150 den and single filament thickness from 0.8 to 3.0 dpf opens up numerous possibilities. The new high-end variant of the WINGS FDY series thus eliminates the need for an early commitment to the end product and offers maximum flexibility. This enables the yarn manufacturer to follow the ever faster changing market trends.

WINGS FDY FLEX will be displayed to the public at ITMA Asia and CITME in Shanghai from November 19th to 23rd, at the Oerlikon booth in hall 7, A55.



Caption 1: WINGS FDY FLEX is the first WINGS FDY system that can process a wide range of rPET yarns.

About Oerlikon Polymer Processing Solutions Division

Oerlikon is a leading provider of comprehensive polymer processing plant solutions and high-precision flow control component equipment. The division provides polycondensation and extrusion lines, manmade fiber filament spinning solutions, texturing machines, BCF and staple fiber lines as well as nonwoven production systems. It also develops and produces advanced and innovative hot runner systems and multi-cavity solutions for the injection molding industry. Its hot runner solutions serve business sectors, including automotive, logistics, environmental, industrial applications, consumer goods, beauty and personal care and medical. Moreover, Oerlikon offers customized gear metering pumps for the



textile, automotive, chemical, dyes and lacquers industries. Its engineering competence leads to sustainable and energy-efficient solutions for the entire polymer processing value chain with a circular economy approach.

Oerlikon Polymer Processing Solutions Division serves customers through its technology brands – Oerlikon Barmag, Oerlikon Neumag, Oerlikon Nonwoven and Oerlikon HRSflow – in around 120 countries with production, sales, distribution and service organizations.

The division is part of the publicly listed Oerlikon Group, headquartered in Switzerland, which has more than 13 000 employees and generated sales of CHF 2.9 billion in 2022.

For further information: www.oerlikon.com/polymer-processing

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