News Release

HUNTSMAN
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Huntsman Textile Effects Features Sustainable and High Performance

Huntsman Textile Effects Features Sustainable and High Performance End-To-End Systems at Performance Days 2022

Huntsman Textile Effects, global leader in innovative solutions and environmentally sustainable products, is featuring high-performance end-to-end systems for protection effects and sustainable solutions for any wear at Performance Days on April 27-28, 2022, in Munich, Germany.

With more consumers seeking comfort and protection when buying sportwear, they expect their sports apparel to dry quickly, resist stains and odors, and offer breathability. Achieving these functionalities with on-trend aesthetics whilst realizing sustainability, are possible.

“Consumers are increasingly holding sportwear brands accountable for their sustainability efforts, but they still want garments that perform well and look good. That’s entirely achievable today for brands and mills who leverage on the latest dyes and effects technologies and the expertise of the innovators, like Huntsman who create them,” said Dhirendra Gautam, Senior Director, Global Market Strategy and Innovation, Huntsman Textile Effects. “We are delighted to be able to showcase some of our high-performance and new innovations that can help our brands and mills partners level up in this competitive industry with our economically and environmentally sustainable solutions.”

Resource saving solutions

Huntsman will introduce the **AVITERA® SE Fast process** at Performance Days. The revolutionary technology delivers the lowest environmental impact for dyeing polyester-cellulosic (PES-CO) blends. It combines alkali-clearable **TERASIL® W/WW** disperse dyes and **AVITERA® SE** reactive dyes to cut processing time from around nine hours to just six, helps mills reduce the water and energy required for production by up to 50% and increases output by up to 25% or more while delivering outstanding wet-fastness to ensure that sportswear will not bleed or stain during home laundering, or while in storage or transit.

EROPON® E3-SAVE is another next-generation water saving innovation. An all-in-one textile auxiliary for PES processing, it allows pre-souring, dyeing and reduction clearing to be combined in a single bath and eliminates the need for anti-foaming products, which shortens processing time and saves water and energy.

Eco-friendly stain and rain resistance

In partnership with Chemours, Huntsman will present the new eco-friendly finishes that repel water and stains, and help garments looking new for longer. **Teflon™ EcoElite with Zelan™ R3** technology contains 63% plant-based

materials and is the industry's first renewably sourced water-repellent finish. It exceeds performance levels possible with traditional fluorinated technologies, with excellent water repellency and durability while reserving breathability.

Another exciting Huntsman innovation is **PHOBOL® Extender UXN** – a product that optimizes water-repellent finishes for long-lasting fabric protection. It is free from butanone oxime, which has recently been re-classified in Europe and restricted above certain limits in products by bluesign®.

Innovative odor control solutions

Huntsman will also showcase revolutionary antimicrobial and odor-control solutions as part of their partnership with Sciessent. Sciessent's latest anti-odor technology – **NOBO™** specifically developed to reduce odors in natural and synthetic fabrics. It can be incorporated into virtually any fabric – from base layer and activewear tops to socks and underwear to jeans and chinos. It offers a cost-effective way to upgrade everyday garments.

In addition, the partners will also present Sciessent's **Agion Active X2®**, a next-generation odor-control solution that combines advanced antimicrobial and odor-absorbing technologies to both capture and fight odor-causing bacteria, and **Lava X2®,** a standalone odor adsorption product and key component of **Agion Active X2®** that attracts, absorbs and degrades odors for long-lasing odor protection.

Zelan™ R3 is registered trademark of Chemours.
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