

NEWS

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ExxonMobil Introduces New Groundbreaking High-Loft, Ultra-Soft Nonwoven Solutions for Hygiene Products

Houston, Texas – ExxonMobil has introduced a new breakthrough solution to produce nonwoven fabrics with lofty thickness, ultra-cushiony cotton-like softness, and a silk-like smooth touch. Also offering low lint and uniformity, the solution provides a tailored balance of properties for nonwovens used in premium diapers, pant-type diapers, feminine care and adult incontinence products.

- Delivers nonwovens with lofty thickness, ultra-cushiony, cotton-like softness and a silk-like smooth touch
- Processes easily on Reicofil bi-component spunbond technology lines
- Elevates premium diapers, feminine care and adult incontinence products to the next levels of comfort and feel good touch

“Working collaboratively with Reifenhäuser Reicofil has resulted in a new benchmark for high loft, soft nonwovens to meet growing market demand globally, and particularly in Asia Pacific,” said Olivier Lorge, Global Market Manager, Polypropylene, Vistamaxx and Adhesions Business, ExxonMobil. “Addressing the hygiene market’s desire for innovative, differentiated soft nonwovens, this solution will unlock business opportunities for ExxonMobil customers across the value chain.”

A blend of ExxonMobil™ PP3155E5, ExxonMobil™ PP3684HL and Vistamaxx™ 7050BF performance polymer, the solution is easily processed using bi-component (BiCo) spunbond technology from Reifenhäuser Reicofil, an acknowledged market leader in complete nonwoven, meltblown and composite production lines.

By adjusting the formulation, nonwovens can be tailored to meet the needs of different hygiene product components such as the bellyband, back sheet and top sheet used in baby diapers, feminine care, and adult incontinence products.

Offering the thickness required for cushiony softness, the nonwoven fabric is as resilient as it is lofty, while delivering good drapability, uniformity for consistent products and low lint for surface stability. Formulation variations allow nonwovens to be produced with a different feel to meet the needs of the application, from a cottony touch to a silky touch.

Spunbound fabrics can be manufactured that are up to 15 percent thicker for outstanding protection compared to other BiCo spunbond high-loft solutions. Plus, 80 percent of the thickness is maintained after being placed under load for an extended period.

“Collaboration can deliver true innovation, as this cutting-edge, high loft solution proves,” said Tristan Kretschmann, R&D Manager, Reifenhäuser Reicofil. “Delivering enhanced performance, this solution is an ideal and cost-efficient replacement for carded fabrics that will enable brand owners and converters to create innovative solutions to meet different application needs.”

For more information, visit: exxonmobilchemical.com/loft



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About ExxonMobil

ExxonMobil, one of the largest publicly traded international energy companies, uses technology and innovation to help meet the world’s growing energy needs. ExxonMobil holds an industry-leading inventory of resources, is one of the largest refiners and marketers of petroleum products, and its chemical company is one of the largest in the world. To learn more, visit exxonmobil.com and the **Energy Factor**.

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