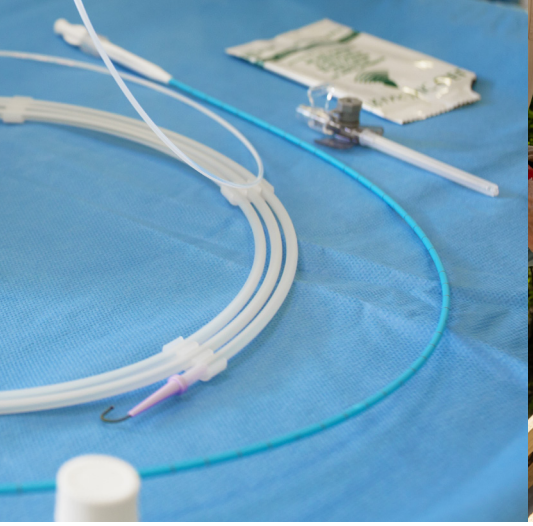

PRODUCT BULLETIN

Cesa™ Fiber Additives

Hydrophobic Solutions for PP Nonwovens

Polypropylene nonwovens are used for a variety of applications, some of which require water repellency. Nonwoven fabrics used in surgery are often required to be water-repellent to act as a barrier and avoid contamination, while hydrophobicity for nonwovens used in filtration helps increase the service life of filters.

The Cesa™ Fiber Additives portfolio includes hydrophobic solutions for polypropylene nonwovens that provide immediate and long-lasting water repellency. These concentrates achieve IPA repellency grade 6, i.e., the nonwoven fabric shows repellency to a mix of 60% isopropyl alcohol (IPA) and 40% water*. Specially formulated for both spunbond and meltblown manufacturing processes, they have no visible influence on color and can be customized to combine water repellency and color into one product for added convenience.

APPLICATIONS

- **Construction:** roofing underlay, cable wrapping, geotextiles
- **Medical:** surgical gowns, surgical drapes, sterile tray wraps, hospital bed sheets, and curtains
- **Filtration:** various filters that require water repellency

BENEFITS

- Fast and long-lasting water repellency
- IPA repellency grade 6
- No visible influence on the final color of the nonwoven fabric
- Can be combined with color into a single product for convenience
- Regulatory compliance to key standards and support for specific standards

*Source: Avient internal testing

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