



» PRODUCT BULLETIN

Stain-resistant Solutions for Synthetic Fibers and Nonwovens

Stain-resistant solutions help extend the service life of textiles by promoting long-lasting cleanliness. Cesa™ Fiber Additives for stain resistance efficacy are non-fluorine additive concentrates developed for incorporation in the yarn during extrusion. They provide durable and efficient stain release properties to polyester fibers making it easier to remove stains with common household cleaners. Color can be added to the additive in a combination masterbatch allowing for both color and stain resistance efficacy to be integrated into the yarn during the spin-dyeing (dope-dyeing) process. The additive concentrates are also formulated to not interfere with over-dyeing, preserving the stain resistance effectiveness of bath-dyed and piece-dyed yarns and textiles containing our stain-resistant solution.

APPLICATIONS

Cesa stain-resistant solutions are suitable for polyester fibers used in automotive textiles, home and office furnishings, and carpets and rugs.

WORKING PRINCIPLE

Cesa stain-resistant concentrates prevent soils from setting in the fibers making it easier to remove stains with common household cleaners such as wipes, sprays, and steam cleaners.

KEY BENEFITS

Avient's stain-resistant concentrates provide the following benefits:

- Efficient, long-lasting stain release properties with no impact on yarn spinnability
- Innovative non-fluorine formulation
- Suitable for POY (DTY; ATY) and BCF with processing temperatures up to 300°C
- Can be combined with color into a single product for convenience
- Compatible with bath-dyeing and piece-dyeing
- Developed for spin-dyeing—a waterless one-in-one process to dye and enhance the performance of synthetic fibers
- Product guidance and technical assistance from our experts

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