

PRODUCT BULLETIN

Renol™ Fiber Colorants

Black Colorants for PET and PA Fibers

Black polyester and polyamide fibers and filaments are used in a variety of applications, such as automotive textiles, safety belts, apparel, sportswear, carpets and rugs, ropes, and home textiles. The Renol Fiber Colorants portfolio includes black colorants specially formulated for spun-dyed polyester and polyamide. They cost-effectively meet individual requirements for both staple fibers and filament applications and are suitable for almost any spinning process. The concentrates are particularly recommended for the coloration of yarns in specific undertones and when UV protection is needed. Their high coverage potential also makes them ideal for overshading/overdyeing recycled materials or feedstock.

KEY CHARACTERISTICS

- Excellent lot-to-lot and within-lot consistency for high-quality homogeneous black shades
- Easy processing and support of a long-lasting spin pack lifetime
- Fastness properties and specification tolerances on par with high-end products on the market
- Standard and bluish undertones available in high pigment loadings for an efficient and competitive coloration package
- Can be combined with additives into a single combination concentrate for convenience
- Compliance with global, regional, and local standards and regulations*

RECOMMENDED USE

- In most cases, the concentrate is added directly to the resin using gravimetric or volumetric dosing units; for some processes, the concentrate can be added via a side stream extruder (direct spinning)
- The recommended dosages are from 3% for the typical automotive, technical, and carpet applications and up to 6% for apparel, footwear, and home textile yarns

* Contact your local sales representative for more information on regulatory compliance

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