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POLYESTER FLAME RETARDANT YARNS



Ares FR is a brand of flame-retardant fibers and yarns that are designed for use in a variety of textile applications. Engineered for high flame resistance,



Ares FR offers excellent protection against fire hazards in public buildings, hotels, hospitals, and other spaces where fire safety is a concern. **Ares FR** also offers high tensile strength, good dimensional stability, and excellent color fastness, making it ideal for use in upholstery, drapery, bedding, and apparel. Available in different types, filament yarns, and textured yarns, **Ares FR** offers versatility to meet specific manufacturing needs.

Plus, **Ares FR** is committed to sustainability, with many of its products made from recycled materials, making it an environmentally friendly choice for companies looking to reduce their carbon footprint and promote sustainability.

Benefit:

- Permanently flame Retardant without additional finishing agents
- Permanent flame retardancy through controlled modification of the polyester molecule, which cannot be lost due to wear, washing or age
- High colour brilliance and fastness to light
- Waterless Dyed
- High resistance to rub
- Easy care, low-crease and dimensionally stable
- Recyclable
- Compatible with the skin
- Compliance with important international fire safety standards, as;
 - ISO 6491: 2003, BS 3119, IS 11871:1986 and ASTM 1230:1994
 - ISO 4589-2, ASTM D2863:1987, IS-13501:1992
 - NF P 92 503, 504, 505, 507
 - NFPA 701:2004 (Class-1)
 - SO 15025: 2002 (Index – 3), IS 15758:2007 (Part-4), BS 5867: 2008 (Part-2), UIC -564 -2- OR (Appdx-5)
 - FAR 25.853 (b)
 - NCD 1409
 - Class – A (Specification: C-K 607)

Application:

- Upholstery
- Automotive Textiles
- Contract Business
- Home Textiles
- Workwear
- Apparel
- Technical Textiles



Available:

DTY, Dtex 83 - 36F, 48F, x1, x2, 167 - 48F, 72F, 144F, x1, x2, x3
NIM, LIM, HIM (suitable for Twisting and / or Weft, Warp, Dye Pack)
Virgin, Recycled, Dope Dyed
SD and Bright



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