

TECHNICAL DATA SHEET

Cationic-Dyeable Polyester (Cationic / CDP)

Cationic-Dyeable Polyester (Cationic / CDP) — Two-tone and melange fabrics · cross-dye sportswear/fashion knits-wovens · deep brilliant shade and dye-resist (reserve) effects. Deep brilliant shades and high colorfastness; cross-dyes with regular polyester in one bath → two-tone/melange/reserve effects at no extra dyeing cost.

Construction	A third monomer (SIPM) copolymerized into PET; sulfonate sites bond cationic/basic dyes
Process	Cationic-dyeable copolymer; CDP (HTHP) and ECDP (low-temperature) types
Luster	Deep, vivid color; luster on request
Yarn family	Functional & Sustainable
Typical use	Two-tone and melange fabrics · cross-dye sportswear/fashion knits-wovens · deep brilliant shade and dye-resist (reserve) effects
Strength	Deep brilliant shades and high colorfastness; cross-dyes with regular polyester in one bath → two-tone/melange/reserve effects at no extra dyeing cost.
Watch for	CDP needs high pressure/temperature; cross-dyeing requires pairing with regular disperse-dyeable polyester.

CERTIFICATIONS

ISO 9001

ISO 14001

ISO 45001

OEKO-TEX STEP

STANDARD 100

GRS · RCS

Width, gauge, finishing options and test standards are shared on request.

Related reading: Recycled Polyester (rPET) in Knits · Cationic-Dyeable Polyester (CDP/ECDP) ·
Solution-Dyed (Dope-Dyed) Polyester · Bio-Based and Alternative Polyesters: bio-PET, PTT, PBT

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