

TECHNICAL DATA SHEET

Recycled Polyester (rPET)

Recycled Polyester (rPET) — Apparel and activewear · outerwear · bag/backpack fabrics · linings · home textiles and upholstery. Cuts virgin-oil use and carbon footprint; a verifiable recycled-content story (GRS/RCS on request).

Construction	Mechanical recycling from post-consumer PET bottles; recycled content and certification on request
Process	Mechanical recycling (collect-sort-wash-flake-melt-spin)
Luster	As DTY/FDY; semi-dull typical
Yarn family	Functional & Sustainable
Typical use	Apparel and activewear · outerwear · bag/backpack fabrics · linings · home textiles and upholstery
Strength	Cuts virgin-oil use and carbon footprint; a verifiable recycled-content story (GRS/RCS on request).
Watch for	Not biodegradable; sheds microplastics in washing; fiber quality drops each mechanical cycle — we avoid “infinite / closed-loop” claims.

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](#)

