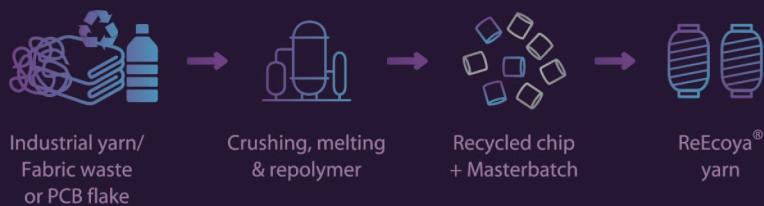


ReEcoya®

Recycled Solution Dyed Yarn



This recycled dope dyed yarn is from industrial waste (yarn/fabric) or post-consuming bottle flakes and regenerated from classification, crushing, melting, repolymerization, and value added with masterbatch before spinning. ReEcoya® is the new technology not only saving water, energy, and chemical but also reducing CO₂ emission. It protects the ecology and environment from yarn spinning to fabric dyeing. Also, the product is excellent performance on color fastness.



Features

-  Excellent color fastness
-  Save water and energy
-  Materials can be from recycled polyester or nylon 6
-  Reduce CO₂ emission

Material process (chip to yarn)



Application

-  Sports & outdoor wear
-  Fashion garment
-  Uniform & work cloth
-  Home textile fabric
-  Awning fabric

Dyeing process (75D/72F DTY Virgin polyester fabric vs ReEcoya®)

Water	Coal	Chemical	CO ₂	Electricity
 ↓ 80 %	 ↓ 64 %	 ↓ 60 %	 ↓ 63 %	 ↓ 53 %
12.50 → 2.50 kg/y	0.53 → 0.19 kg/y	0.05 → 0.02 kg/y	1.40 → 0.52 kg/y	0.32 → 0.15 kwh/y