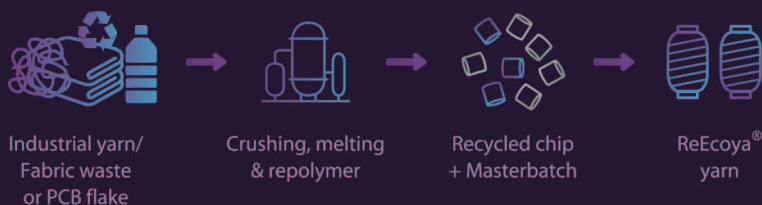


# ReEcoya®

Recycled Solution Dyed Yarn



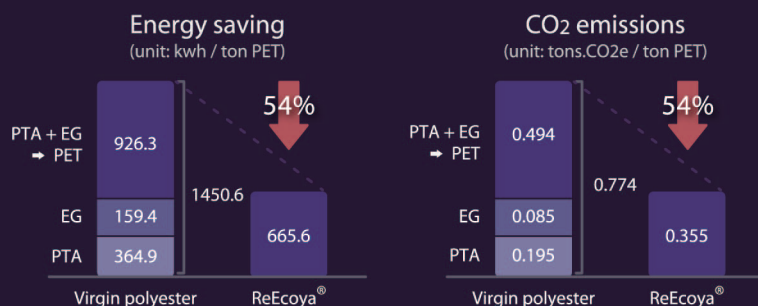
This recycled dope dyed yarn is from industrial waste (yarn/fabric) or post-consuming bottle flakes and regenerated from classification, crushing, melting, repolymerization, and value added with masterbatch before spinning. ReEcoya® is the new technology not only saving water, energy, and chemical but 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	CO2	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