

Impact-Resistant TPC

Catlog Number: EFM-0034

• Description

High-durability co-polyester with exceptional impact strength at low temperatures, specifically designed for exterior automotive parts and protective gear.

• Basic Information

Material Category: Co-polyester Blend

Tensile Strength: 28.5 MPa

Elongation at Break: 5.2

Hardness (Shore): 40D

Tear Strength: 95 kN/m

Glass Transition (T_g): -35°C

Viscosity (@25°C): N/A

Density: 1.15 g/cm³

Water Absorption: 0.005

Flexural Modulus: 120 MPa

Shrinkage Rate: 0.006

Color Options: Black/Natural

Compression Set: 0.25

Resilience: 0.6

Izod Impact: Non-break

Melting Point: 212°C

Storage Temp: Room Temp

Curing Wavelength: N/A

Layer Thickness: 0.15-0.25mm

Solubility: Insoluble

Abrasion Resistance: Excellent

Thermal Stability: 135°C

Odor Level: Very Low

Bio-compatibility: Automotive Grade

Compatible Tech: FDM/FFF

 For Research or Industrial Raw Materials, Not For Personal Medical Use!