

Tough Elastic TPE 85A

Catlog Number: EFM-0058

• Description

This high-stretch TPE provides a rubbery texture with excellent layer adhesion, optimized for wearable consumer products and non-slip industrial handles.

• Basic Information

Material Category: TPE Compound

Tensile Strength: 14.5 MPa

Elongation at Break: 6.8

Hardness (Shore): 85A

Tear Strength: 52 kN/m

Glass Transition (Tg): -48°C

Viscosity (@25°C): N/A

Density: 1.06 g/cm³

Water Absorption: 0.009

Flexural Modulus: 20 MPa

Shrinkage Rate: 0.015

Color Options: Multi-color

Compression Set: 0.35

Resilience: 0.6

Izod Impact: Non-break

Melting Point: 170°C

Storage Temp: 15-25°C

Curing Wavelength: N/A

Layer Thickness: 0.2mm

Solubility: Insoluble

Abrasion Resistance: High

Thermal Stability: 70°C

Odor Level: Very Low

Bio-compatibility: Skin-safe

Compatible Tech: FDM/FFF

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