

High-Rebound TPU 80A

Catlog Number: EFM-0036

• Description

This polyether-based TPU offers superior energy return and hydrolysis resistance, making it perfect for athletic footwear components and underwater gaskets.

• Basic Information

Material Category: Polyether-TPU

Tensile Strength: 22.0 MPa

Elongation at Break: 5.8

Hardness (Shore): 80A

Tear Strength: 75 kN/m

Glass Transition (Tg): -30°C

Viscosity (@25°C): N/A

Density: 1.16 g/cm³

Water Absorption: 0.006

Flexural Modulus: 25 MPa

Shrinkage Rate: 0.008

Color Options: Multi-color

Compression Set: 0.28

Resilience: 0.65

Izod Impact: Non-break

Melting Point: 195°C

Storage Temp: 20-30°C

Curing Wavelength: N/A

Layer Thickness: 0.15mm

Solubility: Insoluble

Abrasion Resistance: High

Thermal Stability: 90°C

Odor Level: Low

Bio-compatibility: General use

Compatible Tech: FDM/FFF

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