

Bio-Based Soft TPU 80A

Catlog Number: EFM-0093

• Description

Sustainable TPU filament made from renewable plant-based feedstocks, offering excellent flexibility and memory for eco-friendly wearable tech parts.

• Basic Information

Material Category: Bio-based TPU

Tensile Strength: 16.5 MPa

Elongation at Break: 6.8

Hardness (Shore): 80A

Tear Strength: 55 kN/m

Glass Transition (Tg): -28°C

Viscosity (@25°C): N/A

Density: 1.20 g/cm³

Water Absorption: 0.008

Flexural Modulus: 20 MPa

Shrinkage Rate: 0.012

Color Options: Natural

Compression Set: 0.3

Resilience: 0.45

Izod Impact: Non-break

Melting Point: 192°C

Storage Temp: Room Temp

Curing Wavelength: N/A

Layer Thickness: 0.2mm

Solubility: Insoluble

Abrasion Resistance: Good

Thermal Stability: 80°C

Odor Level: Very Low

Bio-compatibility: Sustainable

Compatible Tech: FDM/FFF

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