

## Bio-Based TPC 40D

Catlog Number: EFM-0067

### • Description

Sustainable thermoplastic co-polyester derived from renewable sources, providing high impact resistance and UV stability for green consumer products.

### • Basic Information

Material Category: Sustainable TPC

Tensile Strength: 28.0 MPa

Elongation at Break: 5.2

Hardness (Shore): 40D

Tear Strength: 90 kN/m

Glass Transition (Tg): -35°C

Viscosity (@25°C): N/A

Density: 1.14 g/cm<sup>3</sup>

Water Absorption: 0.004

Flexural Modulus: 110 MPa

Shrinkage Rate: 0.006

Color Options: Green/Natural

Compression Set: 0.25

Resilience: 0.55

Izod Impact: Non-break

Melting Point: 208°C

Storage Temp: 15-30°C

Curing Wavelength: N/A

Layer Thickness: 0.2mm

Solubility: Insoluble


Abrasion Resistance: Excellent

Thermal Stability: 110°C

Odor Level: Very Low

Bio-compatibility: Eco-friendly

Compatible Tech: FDM/FFF

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