

Eco-Bio TPC Filament

Catlog Number: EFM-0027

• Description

Derived from bio-renewable sources, this TPC filament provides excellent UV stability and memory retention for sustainable consumer flexible products.

• Basic Information

Material Category: Sustainable TPC

Tensile Strength: 23.5 MPa

Elongation at Break: 5.4

Hardness (Shore): 88A

Tear Strength: 85 kN/m

Glass Transition (Tg): -38°C

Viscosity (@25°C): N/A

Density: 1.12 g/cm³

Water Absorption: 0.005

Flexural Modulus: 35 MPa

Shrinkage Rate: 0.007

Color Options: Green/Natural

Compression Set: 0.28

Resilience: 0.5

Izod Impact: Non-break

Melting Point: 205°C

Storage Temp: Room Temp

Curing Wavelength: N/A

Layer Thickness: 0.2mm

Solubility: Insoluble

Abrasion Resistance: Good

Thermal Stability: 90°C

Odor Level: Very Low

Bio-compatibility: Sustainable

Compatible Tech: FDM/FFF

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