

High-Temp TPA 80A

Catlog Number: EFM-0090

• Description

High-cycle-life TPA filament that remains stable at elevated temperatures, suitable for heavy-duty drive belts and high-friction industrial interfaces.

• Basic Information

Material Category: TPA Polyamide

Tensile Strength: 35.0 MPa

Elongation at Break: 4.2

Hardness (Shore): 80A

Tear Strength: 92 kN/m

Glass Transition (Tg): -45°C

Viscosity (@25°C): N/A

Density: 1.03 g/cm³

Water Absorption: 0.012

Flexural Modulus: 40 MPa

Shrinkage Rate: 0.008

Color Options: Natural

Compression Set: 0.28

Resilience: 0.6

Izod Impact: Non-break

Melting Point: 205°C

Storage Temp: Room Temp

Curing Wavelength: N/A

Layer Thickness: 0.15mm

Solubility: Insoluble

Abrasion Resistance: Superior

Thermal Stability: 125°C

Odor Level: Low

Bio-compatibility: Industrial

Compatible Tech: FDM/FFF

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