

High-Temp TPC 95A

Catlog Number: EFM-0081

• Description

High-temperature co-polyester that maintains structural integrity up to 145°C, designed for demanding outdoor and under-hood flexible cable conduits.

• Basic Information

Material Category: TPC Co-polyester

Tensile Strength: 30.0 MPa

Elongation at Break: 4.2

Hardness (Shore): 95A

Tear Strength: 95 kN/m

Glass Transition (Tg): -30°C

Viscosity (@25°C): N/A

Density: 1.18 g/cm³

Water Absorption: 0.003

Flexural Modulus: 130 MPa

Shrinkage Rate: 0.005

Color Options: Natural/Black

Compression Set: 0.2

Resilience: 0.52

Izod Impact: Non-break

Melting Point: 220°C

Storage Temp: Room Temp

Curing Wavelength: N/A

Layer Thickness: 0.15mm

Solubility: Insoluble

Abrasion Resistance: Excellent

Thermal Stability: 145°C

Odor Level: Odorless

Bio-compatibility: Industrial

Compatible Tech: FDM/FFF

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