

Lightweight TPA 75A

Catlog Number: EFM-0072

• Description

Low-density polyamide-based elastomer providing unmatched energy return and fatigue resistance for high-end sports equipment and aerospace padding.

• Basic Information

Material Category: Polyamide-TPE

Tensile Strength: 28.0 MPa

Elongation at Break: 5.8

Hardness (Shore): 75A

Tear Strength: 95 kN/m

Glass Transition (Tg): -55°C

Viscosity (@25°C): N/A

Density: 1.02 g/cm³

Water Absorption: 0.013

Flexural Modulus: 20 MPa

Shrinkage Rate: 0.011

Color Options: Natural

Compression Set: 0.25

Resilience: 0.68

Izod Impact: Non-break

Melting Point: 188°C

Storage Temp: 15-25°C

Curing Wavelength: N/A

Layer Thickness: 0.2mm

Solubility: Insoluble

Abrasion Resistance: Very High

Thermal Stability: 100°C

Odor Level: Low

Bio-compatibility: Wear Resistant

Compatible Tech: FDM/FFF

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