

Tough PU Powder (SLS)

Catlog Number: EFM-0033

• Description

High-performance PU powder for laser sintering, offering balanced mechanical properties and isotropic flexibility for complex industrial ducts and bellows.

• Basic Information

Material Category: Polyurethane Powder

Tensile Strength: 14.0 MPa

Elongation at Break: 3

Hardness (Shore): 85A

Tear Strength: 65 kN/m

Glass Transition (Tg): -12°C

Viscosity (@25°C): N/A

Density: 1.07 g/cm³

Water Absorption: 0.008

Flexural Modulus: 35 MPa

Shrinkage Rate: 0.03

Color Options: Grey/Black

Compression Set: 0.18

Resilience: 0.5

Izod Impact: Non-break

Melting Point: 195°C

Storage Temp: 15-25°C

Curing Wavelength: N/A

Layer Thickness: 0.1mm

Solubility: Insoluble

Abrasion Resistance: Very High

Thermal Stability: 95°C

Odor Level: Odorless

Bio-compatibility: Industrial

Compatible Tech: SLS

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