

Industrial SLS TPU Powder

Catlog Number: EFM-0028

• Description

High-performance powder for laser sintering, allowing for complex internal lattices and lightweight flexible structures with high durability.

• Basic Information

Material Category: Laser-Sintered TPU

Tensile Strength: 9.5 MPa

Elongation at Break: 3.2

Hardness (Shore): 75A

Tear Strength: 42 kN/m

Glass Transition (Tg): -15°C

Viscosity (@25°C): N/A

Density: 1.05 g/cm³

Water Absorption: 0.01

Flexural Modulus: 8.0 MPa

Shrinkage Rate: 0.035

Color Options: White/Grey

Compression Set: 0.2

Resilience: 0.42

Izod Impact: Non-break

Melting Point: 190°C

Storage Temp: 15-25°C

Curing Wavelength: N/A

Layer Thickness: 0.12mm

Solubility: Insoluble

Abrasion Resistance: Excellent

Thermal Stability: 105°C

Odor Level: Odorless

Bio-compatibility: Industrial

Compatible Tech: SLS

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