

Conductive Soft TPU

Catlog Number: EFM-0025

• Description

Carbon-loaded TPU designed for electronic manufacturing services, preventing ESD damage in flexible assembly trays, grippers, and sensor housings.

• Basic Information

Material Category: ESD-TPU

Tensile Strength: 18.0 MPa

Elongation at Break: 3.2

Hardness (Shore): 92A

Tear Strength: 60 kN/m

Glass Transition (Tg): -25°C

Viscosity (@25°C): N/A

Density: 1.25 g/cm³

Water Absorption: 0.009

Flexural Modulus: 55 MPa

Shrinkage Rate: 0.005

Color Options: Black

Compression Set: 0.32

Resilience: 0.38

Izod Impact: 14 kJ/m²

Melting Point: 210°C

Storage Temp: 20-30°C

Curing Wavelength: N/A

Layer Thickness: 0.2mm

Solubility: Insoluble

Abrasion Resistance: Moderate

Thermal Stability: 85°C

Odor Level: Low

Bio-compatibility: Anti-static

Compatible Tech: FDM/FFF

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