

ESD-Safe Flexible TPU

Catlog Number: EFM-0013

• Description

Conductive flexible material designed to prevent electrostatic discharge, specifically for electronic assembly jigs, trays, and soft-touch sensors.

• Basic Information

Material Category: Anti-static TPU

Tensile Strength: 26.0 MPa

Elongation at Break: 3.8

Hardness (Shore): 90A

Tear Strength: 75 kN/m

Glass Transition (Tg): -25°C

Viscosity (@25°C): N/A

Density: 1.28 g/cm³

Water Absorption: 0.007

Flexural Modulus: 60 MPa

Shrinkage Rate: 0.006

Color Options: Black

Compression Set: 0.3

Resilience: 0.4

Izod Impact: 12 kJ/m²

Melting Point: 215°C

Storage Temp: 20-30°C

Curing Wavelength: N/A

Layer Thickness: 0.15-0.25mm

Solubility: Insoluble

Abrasion Resistance: High

Thermal Stability: 80°C

Odor Level: Low

Bio-compatibility: ESD Compliant

Compatible Tech: FDM/FFF

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