



## ESD-Safe Flex Resin

Catlog Number: EFM-0066

### • Description

Conductive flexible resin engineered to dissipate static electricity, perfect for electronic manufacturing jigs, sensor housings, and robotic grippers.

### • Basic Information

Material Category: Anti-static Resin

Tensile Strength: 18.5 MPa

Elongation at Break: 1.6

Hardness (Shore): 85A

Tear Strength: 40 kN/m

Glass Transition (Tg): 10°C

Viscosity (@25°C): 2200 cps

Density: 1.26 g/cm<sup>3</sup>

Water Absorption: 0.005

Flexural Modulus: 45 MPa

Shrinkage Rate: 0.009

Color Options: Black

Compression Set: 0.25

Resilience: 0.35

Izod Impact: 12 kJ/m<sup>2</sup>

Melting Point: N/A

Storage Temp: 18-28°C

Curing Wavelength: 405nm

Layer Thickness: 0.05mm

Solubility: Insoluble

Abrasion Resistance: High

Thermal Stability: 90°C

Odor Level: Low

Bio-compatibility: ESD Compliant

Compatible Tech: LCD/DLP

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