

Vibration Dampening Resin

Catlog Number: EFM-0037

• Description

Developed for mechanical noise reduction, this resin features a high damping coefficient for custom vibration isolators in precision engineering applications.

• Basic Information

Material Category: Special Elastic Resin

Tensile Strength: 15.0 MPa

Elongation at Break: 1.4

Hardness (Shore): 75A

Tear Strength: 45 kN/m

Glass Transition (T_g): 15°C

Viscosity (@25°C): 1600 cps

Density: 1.18 g/cm³

Water Absorption: 0.005

Flexural Modulus: 40 MPa

Shrinkage Rate: 0.009

Color Options: Smoke Grey

Compression Set: 0.1

Resilience: 0.35

Izod Impact: 10 kJ/m²

Melting Point: N/A

Storage Temp: 18-28°C

Curing Wavelength: 405nm

Layer Thickness: 0.05-0.1mm

Solubility: Insoluble

Abrasion Resistance: High

Thermal Stability: 100°C

Odor Level: Low

Bio-compatibility: Industrial

Compatible Tech: LCD/DLP

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