

Vibration Damping Flex

Catlog Number: EFM-0051

• Description

Specialized resin with a high loss tangent for acoustic dampening and vibration isolation, perfect for custom gaskets in precision laboratory equipment.

• Basic Information

Material Category: Hybrid Elastomer

Tensile Strength: 14.0 MPa

Elongation at Break: 1.55

Hardness (Shore): 80A

Tear Strength: 42 kN/m

Glass Transition (T_g): 15°C

Viscosity (@25°C): 1700 cps

Density: 1.16 g/cm³

Water Absorption: 0.005

Flexural Modulus: 50 MPa

Shrinkage Rate: 0.009

Color Options: Smoke Grey

Compression Set: 0.1

Resilience: 0.35

Izod Impact: 12 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!