

## Acoustic Dampening Resin

Catlog Number: EFM-0062

### • Description

Specialized viscoelastic resin designed to absorb acoustic energy and mechanical vibration, ideal for noise-reducing gaskets in precision machinery.

### • Basic Information

Material Category: Viscoelastic Resin

Tensile Strength: 13.5 MPa

Elongation at Break: 1.6

Hardness (Shore): 78A

Tear Strength: 38 kN/m

Glass Transition (T<sub>g</sub>): 18°C

Viscosity (@25°C): 1800 cps

Density: 1.17 g/cm<sup>3</sup>

Water Absorption: 0.005

Flexural Modulus: 45 MPa

Shrinkage Rate: 0.01

Color Options: Dark Grey

Compression Set: 0.15

Resilience: 0.32

Izod Impact: 11 kJ/m<sup>2</sup>

Melting Point: N/A

Storage Temp: 18-25°C

Curing Wavelength: 405nm

Layer Thickness: 0.05mm

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!