

## High-Resiliency Resin

Catlog Number: EFM-0060

### • Description

Engineered for high energy return, this resin mimics professional-grade rubber, ideal for performance footwear midsoles and industrial vibration isolators.

### • Basic Information

Material Category: Polyurethane Resin

Tensile Strength: 28.0 MPa

Elongation at Break: 3.2

Hardness (Shore): 75A

Tear Strength: 65 kN/m

Glass Transition (T<sub>g</sub>): -10°C

Viscosity (@25°C): 2500 cps

Density: 1.10 g/cm<sup>3</sup>

Water Absorption: 0.007

Flexural Modulus: 35 MPa

Shrinkage Rate: 0.012

Color Options: Amber/Black

Compression Set: 0.12

Resilience: 0.65

Izod Impact: Non-break

Melting Point: N/A

Storage Temp: 20-30°C

Curing Wavelength: 385nm

Layer Thickness: 0.05-0.1mm

Solubility: Insoluble

Abrasion Resistance: Very High

Thermal Stability: 95°C

Odor Level: Low

Bio-compatibility: Industrial

Compatible Tech: DLP/SLA

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