

Tough PU 60D Resin

Catlog Number: EFM-0076

• Description

A semi-rigid polyurethane engineering resin designed for snap-fit assemblies, industrial gears, and high-strength functional housings with high dimensional accuracy.

• Basic Information

Material Category: Engineering Urethane

Tensile Strength: 52.0 MPa

Elongation at Break: 1.1

Hardness (Shore): 60D

Tear Strength: 110 kN/m

Glass Transition (Tg): 30°C

Viscosity (@25°C): 800 cps

Density: 1.19 g/cm³

Water Absorption: 0.003

Flexural Modulus: 750 MPa

Shrinkage Rate: 0.005

Color Options: Grey/Black

Compression Set: 0.08

Resilience: 0.25

Izod Impact: 20 kJ/m²

Melting Point: N/A

Storage Temp: 20-30°C

Curing Wavelength: 405nm

Layer Thickness: 0.05mm

Solubility: Insoluble

Abrasion Resistance: Superior

Thermal Stability: 120°C

Odor Level: Low

Bio-compatibility: Industrial

Compatible Tech: LCD/DLP

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