

## Tough PU Industrial Resin

Catlog Number: EFM-0092

### • Description

A versatile, high-toughness polyurethane resin developed for high-impact functional prototypes, including flexible couplings, bumpers, and industrial seals.

### • Basic Information

Material Category: Polyurethane Resin

Tensile Strength: 38.0 MPa

Elongation at Break: 2.8

Hardness (Shore): 82A

Tear Strength: 75 kN/m

Glass Transition (Tg): -5°C

Viscosity (@25°C): 2500 cps

Density: 1.12 g/cm<sup>3</sup>

Water Absorption: 0.006

Flexural Modulus: 45 MPa

Shrinkage Rate: 0.009

Color Options: Black

Compression Set: 0.1

Resilience: 0.55

Izod Impact: Non-break

Melting Point: N/A

Storage Temp: 20-30°C

Curing Wavelength: 385/405nm

Layer Thickness: 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!