

## High-Temp Flex Resin (HT)

Catlog Number: EFM-0024

### • Description

Specialized industrial resin that maintains elastomeric properties at temperatures up to 160°C, suitable for hot fluid manifolds and engine testing jigs.

### • Basic Information

Material Category: Thermal Stable Resin

Tensile Strength: 22.0 MPa

Elongation at Break: 1.1

Hardness (Shore): 55D

Tear Strength: 55 kN/m

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

Viscosity (@25°C): 1500 cps

Density: 1.18 g/cm<sup>3</sup>

Water Absorption: 0.004

Flexural Modulus: 550 MPa

Shrinkage Rate: 0.007

Color Options: Dark Grey

Compression Set: 0.08

Resilience: 0.35

Izod Impact: 12 kJ/m<sup>2</sup>

Melting Point: N/A

Storage Temp: 18-30°C

Curing Wavelength: 385nm

Layer Thickness: 0.05mm

Solubility: Insoluble

Abrasion Resistance: High

Thermal Stability: 160°C

Odor Level: Low

Bio-compatibility: Industrial

Compatible Tech: DLP/LCD

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