

## Clear Hydro-Resistant TPU

Catlog Number: EFM-0088

### • Description

Crystal-clear polyether TPU with hydrolysis resistance, ideal for visual monitoring of fluids in flexible tubing and medical monitoring devices.

### • Basic Information

Material Category: Polyether TPU

Tensile Strength: 20.0 MPa

Elongation at Break: 5

Hardness (Shore): 88A

Tear Strength: 65 kN/m

Glass Transition (Tg): -38°C

Viscosity (@25°C): N/A

Density: 1.13 g/cm<sup>3</sup>

Water Absorption: 0.002

Flexural Modulus: 35 MPa

Shrinkage Rate: 0.005

Color Options: Transparent

Compression Set: 0.18

Resilience: 0.45

Izod Impact: Non-break

Melting Point: 195°C

Storage Temp: Room Temp

Curing Wavelength: N/A

Layer Thickness: 0.15mm

Solubility: Insoluble

Abrasion Resistance: High

Thermal Stability: 85°C

Odor Level: Low

Bio-compatibility: Industrial

Compatible Tech: FDM/FFF

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