

## High-Damping TPE 65A

Catlog Number: EFM-0019

### • Description

This ultra-flexible TPE is engineered specifically for maximum vibration isolation, featuring high energy dissipation for protective industrial gaskets and soft-grip handles.

### • Basic Information

Material Category: TPE Compound

Tensile Strength: 11.5 MPa

Elongation at Break: 7.8

Hardness (Shore): 65A

Tear Strength: 40 kN/m

Glass Transition (T<sub>g</sub>): -55°C

Viscosity (@25°C): N/A

Density: 1.08 g/cm<sup>3</sup>

Water Absorption: 0.004

Flexural Modulus: 8.5 MPa

Shrinkage Rate: 0.016

Color Options: Grey/Black

Compression Set: 0.38

Resilience: 0.72

Izod Impact: Non-break

Melting Point: 165°C

Storage Temp: 15-30°C

Curing Wavelength: N/A

Layer Thickness: 0.2-0.3mm

Solubility: Insoluble

Abrasion Resistance: Moderate

Thermal Stability: 70°C

Odor Level: Low

Bio-compatibility: Skin-safe

Compatible Tech: FDM/FFF

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