

Thermally Conductive TPE

Catlog Number: EFM-0094

• Description

Engineered for thermal management in electronics, this TPE features high thermal conductivity to dissipate heat from sensitive circuit components.

• Basic Information

Material Category: Metal-filled TPE

Tensile Strength: 10.5 MPa

Elongation at Break: 2.5

Hardness (Shore): 85A

Tear Strength: 38 kN/m

Glass Transition (T_g): -20°C

Viscosity (@25°C): N/A

Density: 1.65 g/cm³

Water Absorption: 0.004

Flexural Modulus: 45 MPa

Shrinkage Rate: 0.008

Color Options: Grey

Compression Set: 0.28

Resilience: 0.35

Izod Impact: 12 kJ/m²

Melting Point: 185°C

Storage Temp: Room Temp

Curing Wavelength: N/A

Layer Thickness: 0.2mm

Solubility: Insoluble


Abrasion Resistance: High

Thermal Stability: 105°C

Odor Level: Low

Bio-compatibility: Industrial

Compatible Tech: FDM/FFF

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