



TGR - Thermally Conductive Graphite

Thermal Properties

	TGR10	Test Method
Thermal Conductivity (vertical), W/m·K	5.0 ± 0.5	ASTM D5470
Thermal Conductivity (horizontal), W/m·K	400 ± 0.5	

Physical Properties

Material	Graphite	—
Color	Black	Visual
Thickness, in (mm)	0.004, 0.012, 0.020, 0.040 (0.1, 0.3, 0.5, 1.0)	ASTM 2240
Density, lb/in ³ (g/cm ³)	.072 ± 0.007 (2.0 ± 0.2)	ASTM D792
Hardness, Shore C	50 min	ASTM D2240
Operating temperature, °F (°C)	-40 - 752 (-40 - 400)	—

Regulatory Properties

Shelf Life, months	12	—
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