Graphtek LLC

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Manufacturing:
219 Hope Rd
Smithfield PA 15478
724-564-9211

Product Data Sheet

Grade Graphtek™ GS-MC-1025

Characteristics	Typical Properties Metric Units
Density	1.83 g/cc
Specific Resistance (In-plane)	20 μΩm
Specific Resistance (Thru-plane)	10 μΩm
Electrical Conductivity (In-plane)	50 S/cm
Electrical Conductivity (Thru-plane)	100 S/cm
Flexural Strength	40 MPa
Elastic Modulus	11 GPa
Compressive Strength	75 MPa
Thermal Conductivity (In-plane)	46.2 W/mK
Thermal Conductivity (Thru-plane)	19.2 W/mK
C.T.E.	30 ppm/°C
Leak Test	<0.10% -24hrs/23°C
Max Work Temp	190 °C