

Grade: GR008G

Manufacturer: Graphtek LLC
Method of Manufacturing: Extruded
Description: Superfine grain, high density extruded graphite rod
Comparable grades: 580

| PROPERTY | US VALUE | METRIC VALUE |
|----------------------|----------------------------------|------------------------------|
| Particle Size | 0.008 in | 0.02032 cm |
| Density | 0.064 lb/in ³ | 1.76 gr/cm ³ |
| Flexural Strength | 4200 psi | 29.0 MPa |
| Compressive Strength | 8100 psi | 55.8 MPa |
| Resistivity | 5.5 ohmXinX10 ⁻⁴ | |
| Thermal Conductivity | 75 BTU/(h.ft ² °F/ft) | 130 W/(m ² . K/m) |
| CTE | 1.1 in/in °F x 10 ⁻⁶ | 2.0 Microns/m °C |
| Temperature (Air) | 750 °F | 399 °C |
| Temperature (Inert) | 5000 °F | 2760 °C |
| Ash | 0.06 % | % |