

Grade: GR009G

Manufacturer: Graphtek LLC
Method of Manufacturing: Extruded
Description: Superfine grain, high density extruded graphite rod
Comparable Grades: 890S

Property	US Value		Metric Value	
Particle Size	0.008	in	0.02032	cm
Density	0.063	lb/in ³	1.74	gr/cm ³
Flexural Size	3200	psi	22.1	MPa
Compressive Strength	6200	psi	42.7	MPa
Resistivity	4.0	ohmXinX10 ⁻⁴		
Thermal Conductivity	110	BTU/(h.ft ² °F/ft)	190	W/(m ² .K/m)
CTE	1.3	in/in °F x 10 ⁻⁶	2.4	Microns/m °C
Temperature (Air)	750	°F	399	°C
Temperature (Inert)	5000	°F	2760	°C
Ash	0.1	%		%