

Grade: GR008CG

Manufacturer:	Graphtek LLC
Method of Manufacturing:	Extruded
Description:	Superfine grain, high density extruded carbon-graphite rod
Comparable grades:	250

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	5000	psi	34.5	MPa
Compressive Strength	9600	psi	66.2	MPa
Resistivity	8.0	ohmXinX10 ⁻⁴		
Thermal Conductivity	38	BTU/(h.ft ² °F/ft)	65	W/(m ² . K/m)
CTE	1.6	in/in °F x 10 ⁻⁶	2.9	Microns/m °C
Temperature (Air)	700	°F	371	°C
Ash	0.4	%		%

