

Grade: GR001CC

Manufacturer: Graphtek LLC
Method of Manufacturing: Isostatically Pressed
Description: High strength, wear resistant graphite

PROPERTY	US VALUE		METRIC VALUE	
Density	0.065	lb/in ³	1.81	gr/cm ³
Shore Hardness	76			
Flexural Strength	7250	psi	50	MPa
Oxidizing Atmosphere	801	°F	427	°C
Neutral Atmosphere	5000	°F	2760	°C
Porosity	12	% VOL		% VOL
Electrical Resistivity	0.00055	ohm-inch		ohm-m
Thermal Conductivity	49	BTU/(h.ft ² °F/ft)	85	W/(m ² . K/m)
Ash Content	100	ppm		
CTE	2.6	in/in °F x 10 ⁻⁶	4.6	Microns/m °C