

Manufacturer:	Graphtek LLC
Method of Manufacturing:	Isostatically Pressed
Description:	Isomolded, very fine grain, high strength, low ash graphite with superior oxidation resistance.

PROPERTY	US VALUE		METRIC VALUE	
Density	0.063	lb/in ³	1.75	gr/cm ³
Particle Size	.0015	in	0.00381	cm
Flexural Strength	8570	psi	59.1	MPa
Compressive Strength	14280	psi	98.5	MPa
Resistivity	5.5	ohmXinX10 ⁻⁴		
Hardness	50	psi	50	kg/mm ²
CTE	2.1	in/in °F x 10 ⁻⁶	3.8	Microns/m °C
Porosity	13.2	% VOL		% VOL
Thermal Conductivity	52	BTU/(h.ft ² °F/ft)	90	W/(m ² . K/m)
Ash	0.01	%	0.01	%