

Grade: GM-111

Manufacturer:	Graphtek LLC
Method of Manufacturing:	Isostatically Pressed
Description:	Isomolded, very fine grain, high thermal conductivity and strength graphite.

PROPERTY	US VALUE		METRIC VALUE	
Density	0.063	lb/in ³	1.74	gr/cm ³
Particle Size	.0006	in	0.00152	cm
Flexural Strength	6400	psi	44.1	MPa
Compressive Strength	14000	psi	96.5	MPa
Resistivity	4.2	ohmXinX10 ⁻⁴		
Hardness	60	psi		kg/mm ²
CTE	2.2	in/in °F x 10 ⁻⁶	4.0	Microns/m °C
Porosity	12	% VOL		% VOL
Thermal Conductivity	67	BTU/(h.ft ² °F/ft)	116	W/(m ² , K/m)
Ash	0.03	%		%