

# Grade: GR060

Manufacturer:	Graphtek LLC
Method of Manufacturing:	Extruded
Description:	Fine grain extruded graphite
Comparable grades:	CBY G11

PROPERTY	US VALUE		METRIC VALUE	
Particle Size	<b>0.06</b>	in	<b>0.15240</b>	cm
Density	<b>0.062</b>	lb/in <sup>3</sup>	<b>1.72</b>	gr/cm <sup>3</sup>
Flexural Strength	<b>2400</b>	psi	<b>16.5</b>	MPa
Temperature (Air)	<b>750</b>	°F	<b>399</b>	°C
Temperature (Inert)	<b>5000</b>	°F	<b>2760</b>	°C
Porosity	<b>21</b>	% VOL		% VOL
CTE	<b>1.4</b>	in/in °F x 10 <sup>-6</sup>	<b>2.5</b>	Microns/m °C
Resistivity	<b>3.0</b>	ohmXinX10 <sup>-4</sup>		
Thermal Conductivity	<b>75</b>	BTU/(h.ft <sup>2</sup> °F/ft)	<b>130</b>	W/(m <sup>2</sup> . K/m)