

## Grade: FC-GR347B

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<b>Manufacturer:</b>	Graphtek LLC
<b>Method of Manufacturing:</b>	Molded
<b>Description:</b>	Resin-filled grade that combines best properties of graphite such as high electrical conductivity, high thermal conductivity, chemical resistance and easy machining with low permeability of isomolded composites

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Property	US Value		Metric Value	
Density	0.072	lb/in <sup>3</sup>	1.99	gr/cm <sup>3</sup>
Particle Size	0.001	in	0.00254	cm
Shore Hardness	76		76	
Flexural Strength	9425	psi	65	MPa
Maximum Temperature	338	°F	170	°C
Porosity	0	% VOL	0	% VOL
Electrical Resistivity	0.000511	Ω·in	0.000012	Ω·m