

Grade: 224-SD

Manufacturer:	Graphtek LLC
Method of Manufacturing:	Compression Molded
Description:	The physical characteristics listed below are typical values. This data is based on experimental tests and may be used as guidelines for typical lots. All products are sold without warranty, implied or expressed.

PROPERTY	US VALUE		METRIC VALUE	
Density	0.063	lb/in ³	1.74	gr/cm ³
Maximum Grain Size	0.004	in	0.01016	cm
Resistivity	13	ohmXinX10 ⁻⁴		
Flexural Strength	8000	psi	55.2	MPa
Compressive Strength	19000	psi	131.0	MPa
CTE	1.1	in/in °F x 10 ⁻⁶	2.0	Microns/m °C
Thermal Conductivity	23	BTU/(h.ft ² °F/ft)	39	W/(m ² , K/m)
Temperature Limit	1150	°F	621	°C
Hardness	80	psi		kg/mm ²
Porosity	12	% VOL		% VOL
Composition	EGH			