

Grade: GR-6200

Manufacturer: Graphtek LLC
Method of Manufacturing: Isostatically Pressed
Description: Oxy-treated isomolded graphite recommended for dry running vanes in vacuum pumps and compressors

Property	US Value		Metric Value	
Density	0.067	lb/in ³	1.85	gr/cm ³
Flexural Strength	8500	psi	58.6	MPa
Compressive Strength	21500	psi	148.2	MPa
Hardness, Shore D	70	psi		
Thermal Conductivity	46	BTU/(h.ft ² °F/ft)		W/(m ² .K/m)
CTE	2.2	in/in °F x 10 ⁻⁶		Microns/m °C
Temperature (Air)	1100	°F	593	°C