

Grade: PCF

Manufacturer:	Graphtek LLC
Description:	Made of PAN carbon fiber, this grade is a more economical alternative to graphite. Recommended for temperatures up to 1400° C.
Comparable grades:	VDG

PROPERTY	US VALUE		METRIC VALUE	
Density	0.005	lb/in ³	0.15	gr/cm ³
Carbon Content	97	%	97	%
Thermal Conductivity		BTU/(h.ft ² °F/ft)	0.078	W/(m ² . K/m)
Electrical Resistivity		ohm-inch	0.18-0.22	ohm-m
Tensile Strength	4	psi	0.030	MPa
Ash Content	1000	ppm	1000	
Processing Temperature	2192	°F	1200	°C