

Grade: PGF

Manufacturer:	Graphtek LLC
Description:	Made of PAN graphite fiber, this grade is characterized by low thermal conductivity and vapor pressure; as well as high purity and low sulfur content.
Comparable grades:	WDF

PROPERTY	US VALUE		METRIC VALUE	
Density	0.004	lb/in ³	0.12	gr/cm ³
Carbon Content	99	%	99	%
Thermal Conductivity		BTU/(h.ft ² °F/ft)	0.0834	W/(m ² . K/m)
Electrical Resistivity		ohm-inch	0.14 - 0.18	ohm-m
Tensile Strength	36	psi	0.25	MPa
Ash Content	500	ppm	500	
Processing Temperature	3632	°F	2000	°C