

Grade: VDG

Manufacturer: National
Description: Rayon based felt processed to a minimum of 1400° C; exhibits low gas evolution and higher oxidation than most carbon felts.
Comparable grades: PCF

PROPERTY	US VALUE		METRIC VALUE	
Density	0.003	lb/in ³	0.09	gr/cm ³
Linear Shrinkage @ 20 C,	1		1	
Water Absorption	1	%	1	
Carbon Content	99	%	99	%
Ash	0.25	%	0.25	%
Specific Heat, @ 25°C			0.71	
Mean Specific Heat, J/g/C @140			1.67	
Emissivity	0.99		0.99	
Sublimation Temperature	6512		3600	
Surface Area (Nitrogen) m ² /g			0.6	
Thermal Conductivity		BTU/(h.ft ² °F/ft)	0.25	W/(m ² . K/m)
Vapor Pressure, microns @ 2270			1	

n resistance

