

Property	Unit	Value*	Test Condition
Density	g/cc	3.75	Archimedes Method
Porosity	%	0	
Water Absorption	%	<0.2%	
Color		White	
Coefficient of Thermal Expansion	/ deg C	7.60E-06	-50C to 200C (Average)
Thermal Conductivity	W/m-K	27.5	25C
Continuous Operating Temperature	C	1650	
Bending Strength	MPa	320	
Hardness		8.9	Mohs
Compressive Strength	MPa	2100	
Fracture Toughness	Mpa*m <sup>1/2</sup>	4.3	
Elastic Modulus	GPa	380	
Dielectric Loss		0.0002	At Room Temperature
Dielectric Constant		9.3	At Room Temperature
Dielectric Strength	dc kV/mm	TBD	Sample Thickness: 5 mm
Volume Resistivity	ohm-cm	>10E+14	At 25C