

Product	Pyrolytic boron nitride	
Appearance	White/light yellow	
Boron Nitride Content	99.99%	
Crystalline	hexagonal	
Mechanical Properties	Along crystal plane	Perpendicular crystal plane
Flexural Strength MPa	60	N.A.
Tensile Strength MPa	120	N.A.
Young Modulus GPa	N.A.	N.A.
Density	2.1 g/cm ³	
Porosity	<5%	
Hardness ~Knoop	11 kg/mm ²	
Thermal Conductivity	60 W/mK	2 W/mK
Thermal Expansion RT	3 10 ⁻⁶ /K	15.5 10 ⁻⁶ /K
Dielectric Constant	4.0	
Dielectric Strength	79KV/mm	
Electrical Resistance RT	>10 ¹⁴ ohm cm	