

Product	SiCBN composite boron nitride
Appearance	Grey
Boron Nitride Content	~70%
Crystalline	hexagonal
Typical Density (g/cm³)	2.40~2.50
Specific Electrical Resistivity (Ω/cm)	>10 ¹³
Maximum Use Temperature (°C)	
Oxidizing Atmosphere	1000
Inert Atmosphere	1800
High Vacuum Atmosphere	1800
Bending Strength (MPa)	80
Compressive Strength (MPa)	175
Thermal Expansion (1000°C) (10-6/K)	2.8
Thermal Conductivity (W/mk)	45