

Boron nitride ceramic indicators



Item/Grade			
BN Purity	>99.5%	composite	>96
Density	1.9±0.5	2.95	2.0
Max operating temperature	850 in atmosphere	1000°C	850°C
	2200 in inert gas	2000°C	1150-1800°C
Hardness	4	105	16
flexural strength	3000Psi	21000Psi	9800Psi
Heat conductivity	63W/mk	38	55
coefficient thermal expansion	0.6(x10-6/K)	3.5(x10-6/K)	4.0(x10-6/K)
	RT-1500°C	RT-1500°C	RT-1500°C
volume resistance	>1015(Ωcm)	-	>1015(Ωcm)
Oxygen(%)	<0.4	<14	<2.0
Carbon	0.02	2.0	0.02
Composite Calcium	0.04	0.02	2
B2O3	0.2	1.0	0.4
Zr	-	30	-
Si	-	4.5	-

We can make boron nitride ceramic according to your requirement.

Also the material can be according to your requirement. Products can be fine processing, turning accuracy can be up to 0.01mm

<http://boronnitrideceramic.com/>

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