



## Hot Pressed Boron Nitride (HBN) Products

Crucible	Plate	Rod	Tube	Ring	Blank	Machined Part	Powder
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### Specifications of HBN Products

Product	BN99	ZSBN
Density g/cm <sup>3</sup>	1.9	2.9
Color	White	Grey
Max Working Temp. °C	800°C in atmosphere 3000°C in inert gas	1000°C in atmosphere 2000°C in inert gas
Hardness Knoop (kg/mm <sup>2</sup> )	4	105
Flexural Strength	3000Psi	21000Psi
Heat Conductivity	63W/mk	38W/mk
Coefficient Thermal Expansion	0.6(x10 <sup>-6</sup> /K) RT-1500°C	3.5(x10 <sup>-6</sup> /K) RT-1500°C

