

		BN99	ZSBN
Composite	Purity	99.5%	
	B2O3	0.2%	1.0%
	Oxygen	<0.5%	14%
	Carbon	0.02%	2%
	Calcium	0.04%	0.02%
	Zr		30%
	Si		4.5%
Density g/cm³		1.9	2.9
Color		White	Grey
Max Working Temp. °C		850°C in atmosphere	1000°C in atmosphere
		3000°C in inert gas	2000°C in inert gas
Hardness Knoop(kg/mm²)		4	105
flexural strength		3000Psi	21000Psi
Heat conductivity		63W/mk	38W/mk
Coefficient thermal expansion		0.6(x10-6/K) RT-1500°C	3.5(x10-6/K) RT-1500°C