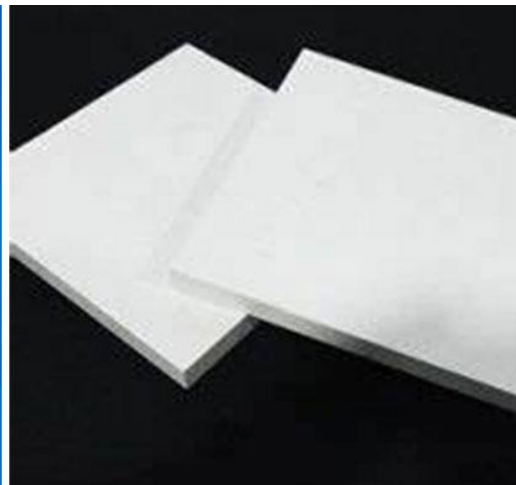
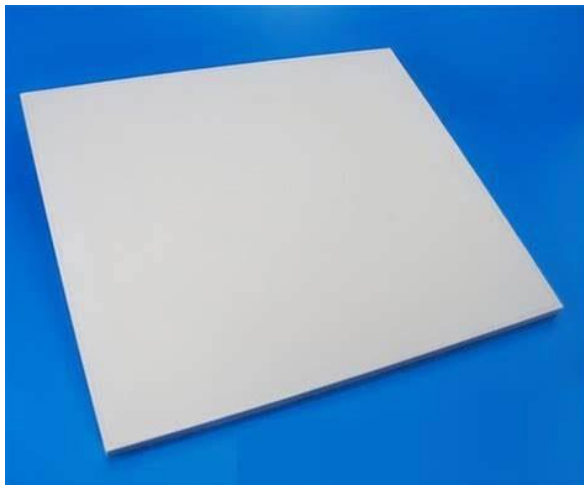


### Boron Nitride Plate and Sheet

You are welcomed to come to our factory to buy the latest selling, low price, and high-quality Nextgen Boron Nitride Plate and Sheet. Sincerely look forward to cooperating with you in the near future. Boron nitride sheet or plate is composed of boron nitride. The hexagonal boron nitride (HBN) corresponding to "white graphite" is the softest and most stable form among BN polymorphs, and is therefore used as lubricant and an additive to cosmetic products. Nextgen Advanced Materials supplies Boron nitride sheet and plate with high quality and fast delivery. Customization is available too.

### Product Description

You can rest assured to buy customized Nextgen Boron Nitride Plate and Sheet from us. We enjoy a reputation of quality, ethics and service. Boron nitride sheet is composed of boron nitride, or BN, which is a chemical compound with equal numbers of boron and nitrogen atoms. The hexagonal boron nitride (HBN) corresponding to "white graphite" is the softest and most stable form among BN polymorphs, and is therefore used as lubricant and an additive to cosmetic products. The cubic (CBN) variety analogous to diamond has high hardness which is inferior only to diamond. The rare wurtzite BN (WBN) modification is similar to lonsdaleite, and it may even be harder than CBN.



### Boron Nitride Plate/Sheet Available Materials

Material	Description	Availability
BN99	Hot pressed at high temperature (1900°C).	Machinable Blanks

	Excellent corrosion resistance and thermal conductivity. Limited wear resistance	Finished Parts
	Self-bonded and high purity(>99%)	
BNBO	General purpose material	Finished Parts
	Bonded by boric oxide	
BNCB	Calcium borate bonded boron nitride	Finished Parts
	Enhanced moisture resistance	
BN60	BN 60%, SiO <sub>2</sub> 40%	Finished Parts
BN40	BN 40%, SiO <sub>2</sub> 60%	Finished Parts
ZSBN	BN-45%, Zr <sub>2</sub> O <sub>3</sub> 45%	Finished Parts

### Boron Nitride Plate/Sheet Properties

Compound Formula	BN
Molecular Weight	24.82
Appearance	White
Melting Point	2973°C
Density	2.1 g/cm <sup>3</sup> (h-BN); 3.45 g/cm <sup>3</sup> (c-BN)
Solubility in H <sub>2</sub> O	Insoluble
Refractive Index	1.8 (h-BN); 2.1 (c-BN)
Electrical Resistivity	13 to 15 10 <sup>x</sup> Ω-m