

## Momentive Performance Materials NX10 Boron Nitride (BN) Powder

Category : Ceramic , Nitride , Other Engineering Material , Additive/Filler for Polymer

### Material Notes:

Grades NX1, NX5, NX9, and NX10. The NX line makes BN accessible to users of alternate materials, such as aluminum nitride, alumina, and fused silica, who may have previously ruled out BN. NX grades are all fine hexagonal crystalline powders (95%-100% -325 mesh), and are available in a range of purities and surface areas to suit specific applications. NX10 has a mean particle size of approximately 10 microns and is a higher purity grade than NX9. Applications: GE Advanced Ceramics NX grades are candidates for use in a wide range of demanding applications for which BN is generally considered, including: Lubricants and release agents for high-temperature metal & glass processing Refractory coatings Base material for hot pressed solids and metal-matrix or ceramic-metal composites Processing and final-product enhancement of plastics, including nucleation of solid and foamed products. Thermal management materials (adhesives, gap-fillers, encapsulants, polymer matrices, etc.) for electronics applications Information provided by Momentive Performance Materials, formerly GE Advanced Ceramics.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Momentive-Performance-Materials-NX10-Boron-Nitride-BN-Powder.php](http://www.lookpolymers.com/polymer_Momentive-Performance-Materials-NX10-Boron-Nitride-BN-Powder.php)

Physical Properties	Metric	English	Comments
Bulk Density	0.400 g/cc	0.0145 lb/in <sup>3</sup>	Tap Density
Particle Size	0.20 - 0.50 $\mu\text{m}$	0.20 - 0.50 $\mu\text{m}$	Crystal Size
	10 $\mu\text{m}$	10 $\mu\text{m}$	Mean
Specific Surface Area	14 m <sup>2</sup> /g	14 m <sup>2</sup> /g	

Descriptive Properties	Value	Comments
Calcium	Max 0.01 %	
Carbon	0.1%	
Color	White	
Crystal Type	Hexagonal (Graphitic)	
Oxygen	0.9-1.2%	
Sol. Borate	0.1%	

## Contact Songhan Plastic Technology Co.,Ltd.

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