

## Momentive Performance Materials NX9 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. NX9 has a mean particle size of approximately 9 microns and the lowest surface area of the NX grades; it has a higher level of residual calcium and soluble borates than most BN grades. 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-NX9-Boron-Nitride-BN-Powder.php](http://www.lookpolymers.com/polymer_Momentive-Performance-Materials-NX9-Boron-Nitride-BN-Powder.php)

Physical Properties	Metric	English	Comments
Bulk Density	0.500 g/cc	0.0181 lb/in <sup>3</sup>	Tap Density
Particle Size	0.20 - 0.50 Åµm	0.20 - 0.50 Åµm	Crystal Size
	9.0 Åµm	9.0 Åµm	Mean
Specific Surface Area	8.0 m <sup>2</sup> /g	8.0 m <sup>2</sup> /g	

Descriptive Properties	Value	Comments
Calcium	3-4%	
Carbon	0.1%	
Color	White	
Crystal Type	Hexagonal (Graphitic)	
Oxygen	11-13%	
Sol. Borate	4-7%	

## Contact Songhan Plastic Technology Co.,Ltd.

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