

Momentive Performance Materials HCP Boron Nitride (BN) Powder

Category : Ceramic , Nitride

Material Notes:

Grade HCP is a fine mesh hexagonal Boron Nitride (BN) powder (99%, -325 mesh). It exhibits the unique properties of boron nitride in a form readily used in the production of many advanced materials. Secondary processing in proprietary, high temperature environment achieves high purity and large, platelet crystals (7-10 μ m), providing enhanced lubricity and thermal properties. Grade HCP is also available in two additional versions which differ only in terms of their surface area. Grade HCPL is a low surface area, high purity BN powder. Grade HCPH is a high surface area, high purity BN powder. Boron Nitride powders are produced by GE Advanced Ceramics in more than 50 individual (standard and custom) grades to meet a wide variety of application needs. For use in: Electrically insulating/thermally conductive fillers for heaters, polymer matrices, adhesives, pastes and potting compounds. Lubrication applications for extreme heat or cold, extreme pressure, vacuum environments or harsh chemical exposures. Refractories and refractory coatings. Mold/die release. Metal/ceramic and ceramic/matrix composites. General Characteristics of Boron Nitride: Electrical Insulator, Low Dielectric Constant, Low Dielectric Loss, High Temperature Stability, Thermal Conductor, Lubricious, Inert, Non-Wetting. 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-HCP-Boron-Nitride-BN-Powder.php

Physical Properties	Metric	English	Comments
Apparent Bulk Density	0.400 g/cc	0.0145 lb/in \hat{A} ³	Tap density
Particle Size	7.0 - 10 \hat{A} μ m	7.0 - 10 \hat{A} μ m	Mean particle size is 7 to 10 \hat{A} μ m. Crystal size is 4 \hat{A} μ m. %-325 mesh is 99.9%.
Specific Surface Area	13 m \hat{A} ² /g	13 m \hat{A} ² /g	

Descriptive Properties	Value	Comments
Color	White	
Crystal Structure	Hexagonal	(Graphitic)

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.comEmail : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215, Fengxian District, Shanghai City, China