

Momentive Performance Materials HCJ-48 Boron Nitride (BN) Powder

Category : Ceramic , Nitride

Material Notes:

Grade HCJ-48 is a coarse (-20 mesh), hexagonal Boron Nitride (BN) powder with a mean particle size of 200-250 μ m. It exhibits the unique properties of BN in a form readily used in the production of many advanced materials. Grade HCJ-48 has high apparent density and large crystal size, which contributes to excellent thermal properties and flow characteristics. surface area which contribute to excellent thermal properties and flow characteristics. 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-HCJ-48-Boron-Nitride-BN-Powder.php

Physical Properties	Metric	English	Comments
Apparent Bulk Density	1.00 g/cc	0.0361 lb/in ³	Tap density
Particle Size	225 μ m	225 μ m	Mean particle size is 225 μ m. Crystal size is 10 μ m.
Specific Surface Area	2.0 m ² /g	2.0 m ² /g	

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

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