

Momentive Performance Materials AC6069 Boron Nitride (BN) Powder

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

Material Notes:

GE Advanced Ceramics boron nitride (BN) powder grade AC6069 consists of single-crystal hexagonal particles with an average particle size of 9 μm . AC6069 has a relatively tight particle size distribution, and over 99% of the particles pass through a 325 mesh. The single-crystal nature of AC6069 powder gives it outstanding lubrication properties, and its fineness helps it disperse well in a wide range of media. Applications: AC6069 is commonly used as a release agent and lubricant for high-temperature glass making and metalforming processes. Additionally, its small size and good dispersion properties make it a good nucleation additive for plastics foaming or solidification. AC6069 is also suitable in the broad range of applications for which boron nitride is well-suited – thermal management materials, refractory coatings, hot-pressed solids and composites, etc. GE Advanced Ceramics produces over 75 standard and custom grades of BN powders to meet a wide range of application requirements, and has over 40 years of expertise in the synthesis and refinement of boron nitride powders. 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-AC6069-Boron-Nitride-BN-Powder.php

Physical Properties	Metric	English	Comments
Bulk Density	0.260 g/cc	0.00939 lb/in ³	Tap Density
Particle Size	6.0 μm	6.0 μm	Crystal Size
	9.0 μm	9.0 μm	Mean
Specific Surface Area	8.0 m ² /g	8.0 m ² /g	

Descriptive Properties	Value	Comments
Carbon	0.1%	
Color	White	
Crystal Type	Hexagonal (Graphitic)	
Oxygen	0.4%	
Sol. Borate	0.2%	

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