

Momentive Performance Materials HCM Boron Nitride (BN) Powder

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

Material Notes:

GE Advanced Ceramics boron nitride (BN) powder grades HCR48, HCJ48, and HCM are large, high-density agglomerates, of ~10 Åµm crystals, with average particle sizes between 175-275 Åµm and tap densities of ~1 g/cm³. These features, combined with low average surface areas, give powders that flow readily, withstand harsh processing, and have outstanding thermal characteristics. HCM has a slightly finer average particle size of 175 Åµm and is processed for outstanding purity, making it appropriate for the most demanding of applications. HCM also has a more uniform particle size distribution and rounded particles due to its unique processing. 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-HCM-Boron-Nitride-BN-Powder.php

Physical Properties	Metric	English	Comments
Bulk Density	1.00 g/cc	0.0361 lb/in ³	Tap Density
Particle Size	10 Åµm	10 Åµm	Crystal Size
	175 Åµm	175 Åµm	Mean
Specific Surface Area	2.0 m ² /g	2.0 m ² /g	

Descriptive Properties	Value	Comments
Carbon	0.03%	
Color	White	
Crystal Type	Hexagonal (Graphitic)	
Oxygen	0.3%	
Sol. Borate	0.1%	

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