

Carborundum CarboTherm™ CTH30 Boron Nitride Powder

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

Material Notes:

Boron Nitride powders have high thermal conductivity, low dielectric loss, and low thermal expansion. They are non-abrading to electronic components, lubricious, non-toxic, and retain their dielectric properties at elevated temperatures. Applications include: use in potting compounds, encapsulants, epoxies, silicone oils and resins, and thermoplastics; use as a processing aid; use as a nucleating and foaming agent. Carborundum's CarboTherm™ powders can be custom blended to yield specific properties. Particle size and distribution can be tailored to give optimum fill and flowability while still maintaining high purity and consistency. CTH30 particles are platelets. Data provided by the manufacturer, Carborundum Corporation.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Carborundum-CarboTherm-CTH30-Boron-Nitride-Powder.php

Physical Properties	Metric	English	Comments
Apparent Bulk Density	0.700 g/cc	0.0253 lb/in ³	Tap density
Particle Size	6.0 - 12 µm	6.0 - 12 µm	Mean particle size

Component Elements Properties	Metric	English	Comments
B2O3	0.20 %	0.20 %	
BN	97.6 %	97.6 %	
O2	0.50 %	0.50 %	includes the oxygen in B2O3

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