

American Elements Boron Carbide Nanoparticles

Category : Ceramic , Carbide

Material Notes:

General Description Boron Carbide (BC) Nanoparticles, nanodots or nanopowder are spherical high surface area particles. Nanoscale Boron Carbide Particles are typically 10 - 100 nanometers (nm) with specific surface area (SSA) in the 10 – 75 m²/g range. Nano Boron Carbide Particles are also available in passivated and Ultra high purity and high purity and coated and dispersed forms. Research into applications for Boron Carbide nanocrystals include use in Boron Neutron Capture Therapy, a therapy for treating brain cancer and for use in other related biomedical and bioscience areas and for use in coatings, plastics, and catalyst applications.

Order this product through the following link:

http://www.lookpolymers.com/polymer_American-Elements-Boron-Carbide-Nanoparticles.php

Physical Properties	Metric	English	Comments
Particle Size	0.010 - 0.10 µm	0.010 - 0.10 µm	
Specific Surface Area	10 - 75 m ² /g	10 - 75 m ² /g	
Molecular Weight	55.26 g/mol	55.26 g/mol	

Descriptive Properties	Value	Comments
Appearance	White Powder	

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