GNPGraystar
Specialty Materials
AN ISO 9001 CERTIFIED COMPANY

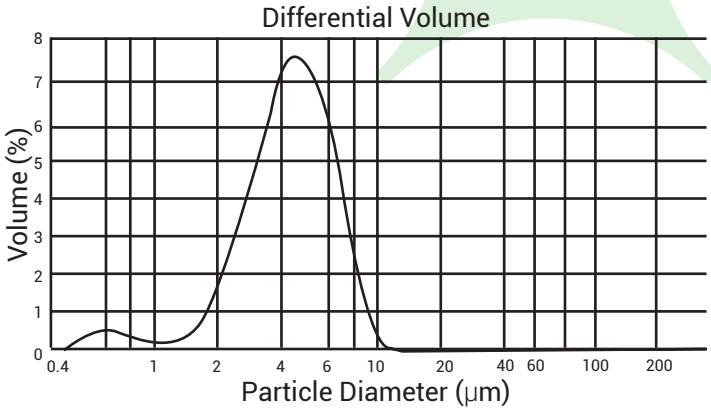
TECHNICAL DATA SHEET
Boron Carbide Hot Press Powder

Typical Chemistry

Boron Carbide (B_4C)	95.15 %
Total Boron (B)	77.30 %
Free Boron (B)	0.56 %
Boron Oxide (B_2O_3)	0.21 %
Compound Boron (B)	76.74 %
Total Carbon (C)	20.55 %
Free Carbon (C)	2.13 %
Iron Oxides (Fe_2O_3)	0.09 %
Silicon (Si)	0.11 %

Typical Sizing

> 0%	> 3%	> 50%	> 75%	> 94%
14.26µm	9.076µm	4.294µm	3.018µm	1.516µm



Description:

GNPGraystar's Boron CarbideHot Press Powder is specifically milled to 10 µm and finer with strict chemistry parameters for optimum performance.

- Available with or without a sintering aid.
- Granulated Powder available

Applications:

GNPGraystar's Boron Carbide Hot Press Powders are used for the production of various wear components, armor, blast nozzles, dressing sticks, etc.

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