



GNP Ceramics, LLC

Technical Data

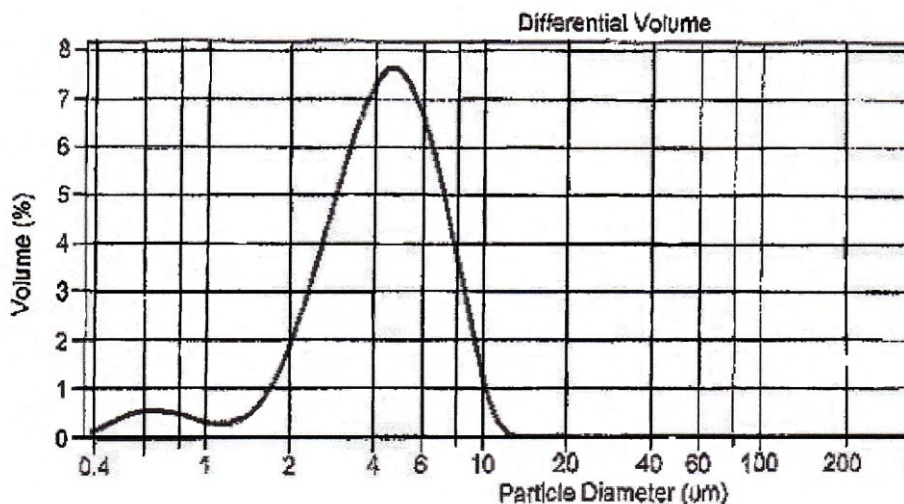
Boron Carbide Hot Press Powder

Typical Chemistry

Total Boron:	77.30%
Free Boron:	0.56%
Boron Oxide (B ₂ O ₃):	0.21%
Compound Boron:	76.74%
Total Carbon:	20.55%
Free Carbon (C):	2.13%
Iron Oxide(Fe ₂ O ₃):	0.09%
Silicon(Si)	0.11%
Boron Carbide (B ₄ C):	95.16%

Typical Sizing

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



Boron Carbide Hot press Powder

Description:

Boron Carbide specifically milled to 10 um and finer with strict chemistry parameters for optimum performance.

**Available with or without a sintering aid.*

**Granulated Powder available.*

Applications:

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

Contact us:

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Manufacturers and Distributors of Premium Ceramic Materials

Silicon Carbide Aluminum Oxide Boron Carbide Zirconias Ceramic Media
Atlanta Buffalo Dallas Grand Rapids Houston Indianapolis Los Angeles Phoenix Portland San Antonio