



Hot-Pressed Grade Boron Carbide B4C

Nextgen Advanced Materials INC is a professional leader Hot-Pressed Grade Boron Carbide B4C manufacturer with high quality and reasonable price. Welcome to contact us. Hot Pressed Grade Boron Carbide is specially sized to aid in the hot pressing of boron carbide ceramic parts. Nextgen Advanced Materials supplies Hot Pressed Grade Boron Carbide Powder with high quality and fast

delivery. The customization is also available.

Product Description

Nextgen Advanced Materials INC is manufacturer & supplier who mainly produces Hot-Pressed Grade Boron Carbide B4C with many years of experience. Hope to build business relationship with you. Hot Pressed Grade Boron Carbide Powders are specially sized to aid in the hot pressing of boron carbide ceramic parts. They are typically fine powders with an average particle size of less than 10 microns and a specially tailored size distribution.



Hot-Pressed Grade Boron Carbide Specifications

| Item | Parameter |
|---------------------|-------------|
| B4C | 96.17% min. |
| B2O3 | 0.50% |
| Total Boron | 76.55% min. |
| Total Carbon | 19.5% min |
| Free Boron | 0.24% |
| Free Carbon | 1.27% |
| Si | 0.15% max |
| Al | 0.05% |
| Fe | 0.20% max |
| Physical Properties | |

| | |
|-------------------|-----------------|
| PH | 7 |
| Specific Gravity | 2.5 |
| Crystal Structure | Rhombohedral |
| Melting Point | 2450 ° C |
| Hardness | 9.25 mohs scale |