



BORON

CARBIDE POWDER

Boron carbide powder is an extremely hard ceramic material. Boron carbide powder appears as gray black powder. Being one of the hardest materials manufactured on earth, it has numerous uses. Boron Carbide nanoparticles are used for coating and in nuclear reactors. Boron Carbide is used in anti-ballistic plating of body armors for humans and vehicles. These armor plates can resist the impact of weapons like bullets, shrapnel and missiles.



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A P P L I C A T I O N S

- ✓ Abrasives
- ✓ Ballistic Armour
- ✓ Nuclear applications
- ✓ Ceramic tooling dies

SPECS

- ✓ Purity: 99.9%
- ✓ Molecular Formula: B4C Powder
- ✓ Molecular Weight: 55.26g/mol
- ✓ Color: Gray/Black
- ✓ Melting Point: 2763°C
- ✓ Boiling Point: 3500°C

All types of particles size are available in micro and nano range.

CATALOGUE NO.

- NS6130-02-283
- NS6130-02-284
- NS6130-02-285



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