

BORON

POWDER

B



NS6130-05-516

40-50 μ m



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Boron Powder

Boron is a chemical element with the symbol B and atomic number 5. Boron powder are used extensively because of their thermal properties. They have a broad range of applications like energy generation purpose specifically as high-energy agents in solid propellants and fuels. Boron nanoparticles are used as protective coatings, anti-freezing agents, semiconductors, braking system fluids, neutron capturer in cancer therapy, hydraulic systems fluids, hydrogen generation from water, corrosion inhibitor. Nuclear reactor neutron absorber and neutron counters.

Quick Facts

Product	:	Boron Powder
Stock No	:	NS6130-05-516
CAS	:	7440-42-8
Purity	:	99%
APS	:	40-50µm

Technical Specification

Molecular Formula	Molecular Weight	Density	Melting Point
B	10.81 g/mol	2.34 g/cm ₃	2079 °C

- Pharmaceuticals, ceramics industry and organic synthesis catalyst.
- Electronics industry ignited ignition tube pole.
- Solid rocket boosters of high-energy fuel.
- A variety of high-purity boron compounds synthesized amorphous boron powder.
- Boron powder is snapped automobile airbags initiator.
- Boron powder application of special alloy steel smelting.
- Boron powder production boron fiber raw materials.
- Boron powder in the molten copper gas scavengers.
- Boron powder applied to the fireworks industry.



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