

SB Boron 95

Elemental Amorphous Boron
Powder 95-97%, Highest Purity
From A Domestic Producer



SB Boron 95 meets today's needs -- and tomorrow's -- for reliability, uniformity and highest quality. **SB Boron 95** is already in wide use throughout the United States in solid fuels and slurries, ceramics formulations, aerospace research, nuclear absorption applications, and commercial explosive primers. **SB Boron 95** is produced in our own facility by our own exclusive process, developed by our own technical staff.

Every stage of production of **SB Boron 95** is carefully controlled. All reactions occur in an argon atmosphere to prevent contamination. All material is precisely triple-milled and screened to ensure maximum surface area and reactivity. Each lot must meet the rigid standards of our own laboratory as well as those of independent assayers.

Now, you can plan and implement new ideas demanding high quality, high performance boron powder without waiting for time-consuming delivery from overseas. Our facility is a few minutes from O'Hare International Airport.

Packaging

SB Boron 95 is packaged in sealed moisture-resistant 4-mil polyethylene bags. Each bag is inserted in a fiber drum with fastening bolts. Shipping weight per drum, 58 lbs., net weight 50 lbs.

Shipping Data

The Department of Transportation requires no special labeling for this product. Shipments are usually made via UPS or common carrier. There are no shipping restrictions.

SB Boron Corporation also manufactures **SB Boron 86** and **SB Boron 90** for applications requiring conformity to standards MIL-B-51092 (ARMY), OS11608 (NAVY) and PA-PD-451 (AIR FORCE).

All our products are manufactured at our facility in Bellwood, Illinois, adjacent to Chicago's O'Hare International Airport.

Typical Chemical Analysis Component

Boron	95 – 97%
Magnesium	1.50% max
Insoluble in H ₂ O ₂	1.00% max
Water Soluble Boron	0.50%
Moisture	0.50% max

Physical Characteristics

Particle Size: 0.7 micron per Fisher Sub-Sieve Sizer (FSSS).

Melting Point: 2167° C

SB Boron Corporation makes no warranty, express or implied, regarding the suitability of its products for any application. We do not guarantee that each shipment will conform exactly to the Typical Chemical Analysis. We supply a certified analysis with each lot.

SB Boron Corporation

20 Davis Drive

Bellwood, IL 60104

(708) 547-9002 FAX (708) 544-3775