



Pentagon Chemicals

(Traders Exporters importers & in Heavy Chemicals, Acids, Dyes, Solvents, Auxiliaries, Minerals if etc)

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Product information: Boric Acid Powder Tech

Boric acid appearance: white powder / crystalline powder

Particle size: 60~80 mesh

Composition:

Main content	Indicators	Other content	Indicators
H3BO3 (Boric acid)	99.9%	Heavy metal (as Pb)	5ppm max
B (Boron)	17.5% min	Cl (chloride)	0.01% max
B2O3 (Boron oxide)	56% min	Water insoluble	0.1% max

Other specifications

Boric acid micro powder (particle size: 200~400 mesh)

Boric acid granular (particle size: 2~4mm)

Product Application

Glass and glass fiber	BORIC ACID Used in the production of optical glass, acid, organic glass, such as glass, glass and boron senior glass fiber, can improve the heat resistance and transparency of glass, and enhanced the mechanical strength, shorten the melting time.
Enamel and ceramic	Enamel and ceramic industrial used in the production of glaze medicine, can reduce the thermal expansion of glaze, reduce the glaze medicine curing temperature, so as to prevent cracking and take off glaze, the improvement of the product sheen and cupids thizoma.
Nuclear industry	B-10 isotope is efficient thermal neutron sorbent. So it was indispensable in nuclear power plants and control system. Special level (SQ) boric acid used for the nuclear industry, it can increase the proportion of boron-10.
Others	Pesticides, fertilizers, electroplating, paint, leather, medicine, for wood preservatives chemicals use.

