

## Boric oxide Glassy

Anhydrous boric acid, diboron trioxide, boron oxide

White free-flowing granular, glassy in appearance

B<sub>2</sub>O<sub>3</sub>

CAS No. 1303-86-2

CHEMICAL SPECIFICATIONS			
Component	Unit	Content	Typical
B <sub>2</sub> O <sub>3</sub>	%	98.00 min	99.00
Fe	ppm	35.00 max	7.00
Cl	ppm	10.00 max	5.00
SO <sub>4</sub>	ppm	500.00 max	10.00

PHYSICAL SPECIFICATIONS		
Mesh Size	Unit	Content
+ 60 mesh	%	35.00 max

### Other Properties

- Melting Point: 450- 465 °C
- Molecular Weight: 69.6 g/mol
- Specific Gravity: 2.04 g/cm<sup>3</sup>
- Solubility in Water: 4.0% by weight @ 20°C in saturated solution
- pH 6.1 (0.1% solution); 4.0 (1.0% solution); 3.7 (4.7% solution)
- Bulk Density: 49.94 lbs/ft<sup>3</sup>

### Packaging

Boric oxide Glassy is available in bulk, in 1 MT (2,205 lbs.) super sacks and in 25 kg net (55.1 lb. net) multiwall paper bags. Custom packaging is available.