

Boric Oxide Glassy

Anhydrous boric acid, diboron trioxide, boron oxide

White free-flowing granular, glassy in appearance

B₂O₃

CAS No. 1303-86-2

CHEMICAL SPECIFICATIONS		
Component	Unit	Content
B ₂ O ₃	%	98.00 min
Fe	ppm	35.00 max
Cl	ppm	10.00 max
SO ₄	ppm	500.00 max

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/cm³
- 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/ft³

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.

Specification data is determined by Eti Maden analytical methods