

Boric oxide High Reactive Porous

Anhydrous boric acid, diboron trioxide, boron oxide

White free-flowing granular material

B₂O₃

CAS No. 1303-86-2

CHEMICAL SPECIFICATIONS			
Component	Unit	Content	Typical
B ₂ O ₃	%	98.00 min	98.00
Fe	ppm	15.00 max	4.00
Cl	ppm	10.00 max	4.00
SO ₄	ppm	500.00 max	8.00

PHYSICAL SPECIFICATIONS		
Mesh Size	Unit	Content
+ 50 mesh	%	75.00 min

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: 37.46 lbs/ft³

Packaging

Boric oxide Porous 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.