

## Boric Acid Granular Ultra Low Sulfate

Orthoboric acid, Boracic acid

White free-flowing granular material

H<sub>3</sub>BO<sub>3</sub>

CAS No. 10043-35-3

CHEMICAL SPECIFICATIONS		
Component	Unit	Content
B <sub>2</sub> O <sub>3</sub>	%	56.25 - 56.90
Purity	%	99.92 - 101.07
Fe	ppm	3.00 max
Cl	ppm	3.00 max
SO <sub>4</sub>	ppm	12.00 max

PHYSICAL SPECIFICATIONS GRANULAR		
Mesh Size	Unit	Content
+ 18 mesh	%	4.00 max
-230 mesh	%	4.00 max

### Other Properties

- Melting Point: 171 °C
- Molecular Weight: 61.83 g/mol
- Specific Gravity: 1.51 g/cm<sup>3</sup>
- Solubility in Water: 4.89% by weight @ 20 °C in saturated solution
- pH: 6.1 (0.1% solution); 5.1 (1.0% solution); 3.7 (4.7% solution)
- Bulk Density: 49.94 lbs/ft<sup>3</sup>

### Packaging

Boric acid Granular Technical 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