

Borax Decahydrate Granular Technical

Sodium tetraborate decahydrate

White free-flowing granular material

Na₂B₄O₇•10H₂O

CAS No. 1303-96-4

CHEMICAL SPECIFICATIONS		
Component	Unit	Content
B ₂ O ₃	%	36.47 - 38.50
Na ₂ O	%	16.24 - 17.14
Fe	ppm	10.00 max
Cl	ppm	70.00 max
SO ₄	ppm	135.00 max
Purity	%	99.90 - 105.45

PHYSICAL SPECIFICATIONS		
Mesh Size	Unit	Content
+ 16 mesh	%	4.00 max
-230 mesh	%	4.00 max

Other Properties

- Melting Point : 62 °C
- Molecular Weight: 381.37 g/mol
- Specific Gravity: 1.71- 1.73 g/cm³ @ 20 °C
- Solubility in Water: 4.70% by weight @ 20 °C in a saturated solution
- pH: 9.26 (0.1% solution); 9.23 (1.0% solution); 9.32 (4.71% solution)
- Bulk Density: 62.43 lbs/ft³
- Dehydration: Begins 60 °C , complete 320 °C

Packaging

Borax Decahydrate Granular Technical is available in bulk, 1MT (2,205 lb.) 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