

Etibor-48 Granular Technical

Sodium tetraborate pentahydrate

White free-flowing granular material

$\text{Na}_2\text{B}_4\text{O}_7 \cdot 5\text{H}_2\text{O}$

CAS No. 12179-04-3

CHEMICAL SPECIFICATION			
Component	Unit	Content	Typical
B_2O_3	%	48.00 - 49.35	48.60
Na_2O	%	21.37 - 21.95	21.60
Fe	ppm	3.00 max	3.00
Cl	ppm	70.00 max	40.00
SO_4	ppm	135.00 max	100.00
Insolubles	ppm	150.00 max	110.00
Purity	%	100.42 - 103.24	100.50

PHYSICAL SPECIFICATIONS			
Mesh Size	Unit	Content	Typical
+ 16 mesh	%	4.00 max	1.00
-200 mesh	%	5.00 max	3.52

Other properties:

pH@ 20°C: 9.3 (3%

solution) Molecular weight:

291.35g/mol

Solubility: 3.7% @ 20°C, 27.5% @ 100°C

Melting point: 200°C

Bulk density: 62.43 lbs/ft³

Packaging

Etibor 48 Granular Technical is available in bulk, in 1.2 MT (2,752 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

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