

TECHNICAL DATA SHEET

Product: **ETIBOR-68**

Synonyms: Di-sodium Tetraborate, Anhydrous Borax

CAS# 1330-43-4

Formula: $\text{Na}_2\text{B}_4\text{O}_7$

Product Description: Etibor-68 or Anhydrous Borax is a white, odorless product available in crystalline granular form. Etibor-68 is a hard glassy material directly produced by dehydrating Borax. By nature Etibor-68 is far less hygroscopic than Borax and do not absorb moisture under ordinary storage conditions. It is an excellent fluxing agent and glass former. Use of Etibor-68 improves yields and provides less energy intensive processes for glass and ceramic industries. It is mildly soluble in water and it is a very good candidate for slow release fertilizer application in agriculture.

Packaging: Etibor-68 is available in 25 kg (55lb.) multi-wall paper or plastic bags and in 1000 kg (2200lb) bulk bag packaging.

Applications:

- Fluxing agent
- Glasses
- Frits, Glazes and Enamels
- Metallurgy
- Cleaning Formulations
- Agriculture
- Refractories
- Enhanced Oil Recovery
- Flame retardant

Precautions: Etbor-68 is chemically stable, however, it is advised to store Etibor-68 under dry, cool and steady temperature conditions.

Typical properties of Etibor 68:

Chemical Analysis				
Component	Unit		Specification (min-max)	Typical Value
B ₂ O ₃	%		68.3 – 69.4 %	68.5
Na ₂ O	%		30.41 – 30.90 %	30.5
SO ₄	ppm		300 max.	150
Fe	ppm		50 max.	30
Cl	ppm		105 max	75
Insolubles in water	ppm		920 max.	800
DRY SIEVE ANALYSIS				
Size	Unit	US Mesh	Specification	Typical Value
+ 1.600 mm	%	12	5.0 max.	1.5
- 0.075 mm	%	200	5.0 max.	2.5

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