

Product Information

Zinc Borate

Product Description:

Zinc borate is a fine white powder that is slightly soluble in water, has good thermal stability and low human toxicity. It is widely used as a less toxic alternative to antimony (III) oxide.

Applications:

Zinc borate is used as a corrosion inhibitor, fire retardant, infrared absorber and fungicide in wood preservation. It can be used in the manufacture of coatings, plastics, coatings, cables, flame retardants and smoke suppressants.

Chemical Formula:

$Zn_3B_2O_6$

CAS No. :

1332-07-6

Specifications:

Parameters (units)	Specifications
Appearance	White powder
Boron trioxide content (%)	46.5 - 49.5
Zinc oxide content (%)	37.0 - 40.0
Moisture content (%)	≤ 1
Weight loss on heating at 270 °C (%)	≤ 6
Weight loss on heating at 850 °C (%)	≤ 16
Water of crystallization (%)	11.5 - 16.5
Particle size, D50 (µm)	≤ 5
Dehydration temperature (°C)	330 - 340

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bisleyinternational.com

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Packaging:

Material is available in 25 kg multilayer paper bags. Further packaging options may be available upon enquiry.

Storage:

Product should be stored in a dry place in sealed, original packaging away from direct sunlight and snow.

Safety:

For further safety information refer to product SDS available from your Bisley International contact.

Disclaimer: This document is for information purposes only. Customers are responsible for testing and confirming the suitability of this product in their application. To the extent permitted by law, no warranty as to merchantability or fitness of purpose, expressed or implied, is made.

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