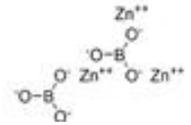


Description	Product Name	: Zinc Borate 2335 [ZB200 grade specification]
	Equivalent Name	: Chemtura ZB-467; Firebrake ZB
	Cas No.	: 1332-07-6 / 12767-90-7 / 138265-88-0
	Molecular formula	: $2ZnO \cdot 3B_2O_3 \cdot 3.5H_2O$



Application

Zinc Borate is one multi-functional synergistic flame retardant with Antimony Oxide etc additives in polymers to improve flame retardant performance, it can reduce smoke evolution and adjust the balance of flame retardant properties versus mechanical, electrical and other properties.

Zinc Borate is widely used in PVC applications such as carpet, conveyor belt, wire and cable, and in Nylon, PE, PP, epoxy, polyesters, thermoplastic elastomers and rubbers . plastics of halogen free flame retardant systems based on $Al(OH)_3$ and $Mg(OH)_2$, intumescent coating and painting, ceramic glaze, milk glass, decorative paper etc fields.

Zinc Borate is also used in wood composite as fungicide to prevent from decay fungi and subterranean termites .

ZB200 grade's particle size is the smallest, it is recommended to wire and cable applications that need much fine particle size fields.

Typical Properties

Whiteness	99
Surface water %	0.5 max.
Particle size (um)	1 - 3
ZnO %	37.0-40.0
B ₂ O ₃ %	48.0 - 49.5
H ₂ O(hydrate, %)	13.0 - 15.5
Fineness (Residue on 45um sieve, %)	0.1 max.
Specific gravity	2.67
Melting point °C	980
Temp. of dehydration °C	290
Refractive index	1.58

These properties are typical but do not constitute a specification either in part or as a whole.
Specification data is available on request from sales, customer service or customer technical service.

Shipping Information

Transportation classification: not regulated for transportation

Packing: 25kg/bag ; 900kg/pallet; 18mt/20FCL