ZINC BORATE (ZB-505)

ZINC BORATE :

is a highly effective flame retardant synergist being used as a flame retardant and smoke suppressant for a wide range of applications. Zinc Borate is also an environment friendly flame retardant as it is non toxic in nature and does not generate any toxic/corrosive gases.

Zinc Borate is used in plastics, rubbers, textiles, paints, adhesives, pigments and creamic industries. Zinc Borate can replace antimony trioxide partially as a synergist in plastics and rubber to enhance the activity of primary flame-retardants by stepwise releasing the radicals in a wide variety of end-use products.

Zinc Borate is also known as ZB2335, Borate Flame Retardant and Fire Break Zinc Borate

TYPICAL CHEMICAL ANALYSIS

PROPERTIES	VALUE
Z_nO Content (By Weight)	37.50±1.50%
B_2O_3 Content (By Weight)	48.00±1.50%
Loss on Ignition	14.50±1.00%

TYPICAL PHYSICAL PROPERTIES

PROPERTIES	VALUE
Appearance	Fine White Powder
Moisture Content	0.30% (Max)
Sieve Residue (at 325 Mesh)	0.10% (Max)
Average Particle Size	2 - 3 Microns