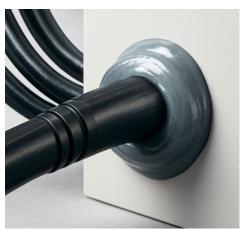


ZNB-35S is a multifunctional additive that enhances thermal stability, UV resistance, and smoke suppression in polymer systems. Its high dehydration temperature makes it ideal for use in halogen-free, high-performance applications.

- Enhances thermal and UV stability
- Acts as a smoke suppressant by promoting char formation
- Suitable for both halogen-containing and halogen-free systems
- High dehydration temperature enables use in heat-resistant polymers
- Synergistic with ATH, MDH and other inorganic flame retardants
- Uniform particle size distribution





Chemical and Physical Properties			
Appearance (Physical Form)	Powder	Weight Loss (%, at 270°C)	max 6
Appearance (Color)	White	Weight Loss (%, at 850°C)	max 16
Boron Trioxide Content (%)	46.5-49.5	Crystallization Water (%)	11.5 - 16.5
Zinc Oxide Content (%)	37.0-40.0	Particle size (d50, micron)	max 5
Moisture	max 1	Approx. Dehydration Temperature (°C)	min 95



Product Form



Polymer Applications

PVC

Polyolefins (e.g PE, PP)

Epoxies & Polyesters

Polyamides

Elastomers (incl. TPE, silicones)

Acrylics

Phenolics

Application Areas

Wires & Cables

Paints & Coatings

Rubber Applications

Wood

Adhesives

Sealants

Agriculture*

* Zinc Borate for agricultural use is manufactured and delivered from our production facility in Brazil.