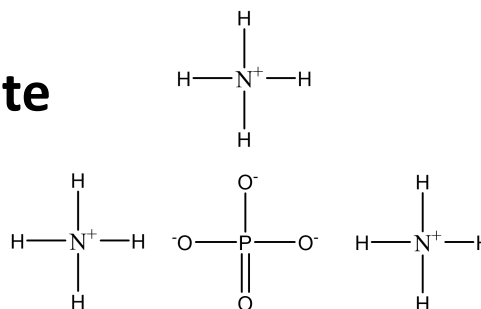


# AP - P231B

## Ammonium Polyphosphate



CAS No. 68333-79-9

### Specifications:

Tests	Specification
Appearance	Fine, white powder
Decomposition temperature(°C)	275°C
Relative Density(g/cm <sup>3</sup> )	1.8-2.0%
P2O5(wt.%)	71-72
N(wt.%)	14min
Solubility(g/100ml H <sub>2</sub> O, 25°C)	0.5 max
PH	5.5-7.5
Viscosity(50% aqueous, 25 ° C) m Pa•s	100 max
Polymerization degree	1000min

**Package:** 25Kg Bag or 500Kg Bag.

**Application:** Used as halogen-free fire retardant additives in Fiber materials (paper, wood, fireproof textile); all kinds of polymers (sunproof, waterproof, or fireproof); fire-refractory building boards, coiled material; epoxy resins and unsaturated resins; cable and rubber; plastic materials of electronic devices and textiles.

**Storage:** Avoid using containers, pipes and fittings made of zinc-clad or copper bearing alloys. Storage in open containers may result in formation of an ammonium polyphosphate solid on walls. Avoid contact with skin and eyes.



**Recommend Shelf Life:** 12 months