

**Ammonium Polyphosphate (APP) (HT-208)****CAS No. 68333-79-9****General Properties**

Appearance	White powder/ block
Characteristics	Highly-active,excellent processing performance

Physical and chemical properties

Item	N≥50	N≥200	N≥1000
P ₂ O ₅ content %	≥69.0	≥70.0	≥71.0
Nitrogen content %	≥14.0	≥14.0	≥14.0
Mean polymerization \bar{N}	≥50	≥200	≥1000
Solubility (g/100mLH ₂ O)	---	---	≤1.0
PH value	5.0-7.0	5.0-7.0	5.5-7.5
Mean particle diameter (D50) μm	---	---	≤20
Moisture %	---	---	≤0.25 (130℃)
Viscosity mpa.s	---	---	According to customer's requirements
Residue on sieve (200 mesh) %	---	---	Pass

Application

- used to produce intumescent type fire-retardant coating.
- used in plastic, rubber, coating, adhesives, sealant, and fiber.
- applied in flame retarding treatment of wood, paper, and fibreboard.
- applied in epoxy resin or unsaturated polyester.

Packing

- 25kg/bag, paper-polymer outer & PE inner bag
- Store in dry, normal temperature, moisture prevention

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