

PRODUCT DATA SHEET

PNP-1C

Chemical Name: Ammonium Polyphosphate Flame Retardant

Properties

Item		Specification	
Appearance		White, free-flowing powder	
Phosphorous	% (m/m)	31.0-32.0	
Water Content	% (m/m)	≤0.5	
Thermal Decomposition	°C	≥150	
Density at 25°C	g/cm ³	Approx. 1.8	
Particle Size (>74μm)	% (m/m)	≤0.2	
Particle Size	D ₅₀	μm	Approx. 10
	D ₉₈	μm	≤25

Application

PNP1C may be mostly used in a range of thermoplastics, especially PE, EVA, PP, TPE and rubber etc, which is suitable for extrusion and injection moulding applications. It is the most important that PNP1C has no traces of Cl.

Packing

25KGS/bag (net weight), paper and plastic synthetic bag outer combined with PE inner and aluminium foil sealing, or paper and plastic synthetic bag outer combined with PE inner valve pocket or others are available.

Storage

- Store in its unopened packaging
- Keep it tightly closed when not in use.
- Keep away from sunlight.

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