

JLS-PNP1 Non-Halogen intumescent Flame Retardant For Polyolefine Character

JLS PNP1 (ammonium polyphosphate flame retardant)

Einecs No.:	68333-79-9
cas No.:	(269-789-9)
Product No.:	200203
FORMULA:	$(\text{NH}_4\text{PO}_3)_n$
appearance :	white, free-flowing powder

specification

Phosphates	%(w/w)	22.0-24.0
Water content	%(w/w)	≤1.0
Thermal decompositions		≥250
Density at 25° C	g/cm ³	1.8
Apparent density	g/cm ³	appro. 0.7
Particle size (>100 μ m),		≤0.2
Average particle size	μ m	appro. 15

APPLICATIONS

JLS-PNP1 may be mostly used in a range of thermoplastics, especially PP, PE, EVA, TPE AND rubber etc., which is suitable extrusion and injection moulding applications. Of course it may be suitable for use in hot melt adhesives or coating compounds.

Safety and toxicity

Acute oral toxicity LD ₅₀ (rat)	≥2000mg/kg LD ₅₀
Storage:	Dry, at room temp.

PACKAGING

Paper Bags with PE in liner, 25kg net