

JLS -PNP1D

JLS PNP1D (ammonium polyphosphate flame retardant)

Einecs No.:	(269-789-9)
cas nO.:	68333-79-9
Product No.:	200503
FORMULA:	$(\text{NH}_4\text{PO}_3)_n$
appearance:	white, free-flowing powder

specifications

Phosphorus	%(w/w)	20.0-24.0
Water content	%(w/w)	≤ 0.5
Thermal decompositions	°C	≥ 250
Density at 25 °C	g/cm ³	appro. 1.8
Apparent density	g/cm ³	appro. 0.8
Particle size (>100 μ m) ,		≤ 0.2
Average particle size	μm	appro. 10

APPLICATIONS

JLS-PNP1D 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. It has better heat stability than JLS-PNP1 and PNP1A..

Safety and toxicity

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

PACKAGING

Paper Bags with PE in liner, 25kg net