

Character APP Special

JLS APP special (low viscosity ammonium polyphosphate)(II, n>1000)

CAS NO.:	68333-79-9
EINECS NO.:	[269-789-9]
PRODUCT NO.:	200204-3
FORMULA:	$(\text{NH}_4\text{PO}_3)_n$
APPEARANCE:	white , free-flowing powder

specifications

Phosphorus	%(m/m)	31.0-32.0
Nitrogen	%(m/m)	14.0-15.0
Water content	%(m/m)	≤ 0.25
Solubility in water(10% suspension)	%(m/m)	≤ 0.50
Viscosity(25 °C ,10% suspension)	mPas,	≤ 5
PH value		5.5-7.5
Acid number	mg KOH/g	≤ 1.0
Average particle size	μm	approx. 15
Particle size	>45 μ m	(m/m %) ≤ 1.0
	>74 μ m	(m/m %) ≤ 0.2

APPLICATIONS

JLS-APP special is low viscosity APP, which is more fine than ordinary APP. Of course it is better water -proof according to its rule granule. It is suitable for intumescent coating outdoors what it need good water -proof. **JLS-APP special** is more suitable for solve-based coating than water-based, and it is also used in textile coating system ordinarily.

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