

Character APP101R

JLS APP101 R (melamine modified, free formaldehyde and more fine)

CAS NO.:	68333-79-9
EINECS NO.:	[269-789-9]
PRODUCT NO.:	200404-1
FORMULA:	$(\text{NH}_4\text{PO}_3)_n$
APPEARANCE:	white , free-flowing powder

SPECIFICATIONS

Phosphorus	%(m/m)	28.0-30.0
Nitrogen	%(m/m)	17.0-20.0
Water content	%(m/m)	≤ 0.25
Solubility in water(10%suspension)	%(m/m)	≤ 0.50
Viscosity(25 °C ,10%suspension)	mPas,	≤ 20
PH value		7.5-9.5
Acid number	mg KOH/g	≤ 1.0
Average particle size	μm	approx. 10
Particle size	>45 μ m	(m/m %) ≤ 1.0
	>74 μ m	(m/m %) ≤ 0.2

APPLICATIONS

JLS-APP101R can be used for all applications that ammonium polyphosphate is suitable. JLS-APP101R is more fine than APP101, at the meantime APP101R is more rule granule figure, which makes APP101R more dispersive in plastics and rubber than APP101 .

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