

# Character APP104

## JLS APP104 (low water-sol. free formaldehyde ammonium polyphosphate)

CAS NO.:	68333-79-9
EINECS NO.:	[ 269-789-9 ]
PRODUCT NO.:	200404-3
FORMULA:	$(\text{NH}_4\text{PO}_3)_n$
APPEARANCE:	white , free-flowing powder

## SPECIFICATIONS

Phosphorus	%(m/m)	29.0-31.0	
Nitrogen	%(m/m)	12.5-14.5	
Water content	%(m/m)	≤ 0.25	
Solubility in water(10% suspension)	%(m/m)	≤ 0.20	
Viscosity(25 °C , 10% suspension)	mPas	≤ 10	
PH value		4.0-7.0	
Acid number	mg KOH/g	≤ 1.0	
Average particle size	μm	approx. 15	
Particle size	≤ 45 μ m	(m/m %)	≥ 1.0
	>100 μ m	(m/m %)	≤ 0.2

## APPLICATIONS

**JLS-APP104** is treated by multiprocessing. It makes JLS-APP104 lower water-solubility, which makes APP104 suspension of water less saponaceous than other APP breed . JLS-APP104 is suitable for UP resin, Epoxy and textile coating.

## SAFETY AND TOXICITY

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

## PACKAGING

Paper Bags with PE in liner, 25kg net