

# Character APP

## JLS APP (ammonium polyphosphate) (II,n>1000)

Einecs No.:	68333-79-9
cas nO.:	[269-789-9]
Product	No.: 200204
FORMULA:	(NH <sub>4</sub> PO <sub>3</sub> ) <sub>n</sub>
appearance :	white,free-flowing powder

### specifications

Phosphates	%(w/w)	31.0-32.0	
Nitrogen	%(w/w)	14.0-15.0	
Water content	%(w/w)	≤0.25	
Solubility in water(10%suspension)	%(m/m)	≤0.50	
Viscosity (25° C ,10%suspension)	M Pas,	≤100	
PH value		5.5-7.5	
Acid number	mg KOH/g	≤1.0	
Average particle size	μ m	appro. 15	
Particle size	≥45 μ m	(m/m %)	≥96
	>100 μ m	(m/m %)	≤0.2

### APPLICATIONS

**JLS-APP** may be mostly used in intumescent coating, polyurethane foam and cellulose (for example: paper and wood). Because of its high heat stability, JLS-APP is an essential component in intumescent formulations for thermoplastics, particularly polypropylene, for which the classification UL94-V0 is specified for application in the electrical sector.

### Safety and toxicity

Acute oral toxicity LD <sub>50</sub> (rat)	≥2000mg/kg LD50
Storage:	Dry, at room temp.

### PACKAGING

Paper Bags with PE in liner, 25kg net.