

Ammonium PolyPhosphate 18-58

Suggested applications

It's a good nitrogen-phosphorus fully water soluble fertilizer. It is mainly used in producing liquid fertilizer with a total nutrient of above 76%. It is a very high value and cost-effective fertilizer, because it can be absorbed directly by plants and increase production obviously, it is widely used in cotton, fruit tree, vegetable, melon, tea, wheat, rice, corn, flower, sod, tobacco, herb and kinds of economic crops. It also can be used in flameproof treatment.

Physical properties

White powder or fine granular. 100% soluble in water and can be easily dissolved to obtain a neutral solution. High N-P content with a neutral pH value.

Packaging & Storage

Packed in 25kg pp+pe bags.

Customized packing is available.

Stored at cool, dry and well ventilated place.

Target properties

Chemical formula	$(\text{NH}_4\text{PO}_3)_n(\text{OH})_2$
Total Nutrients ($\text{P}_2\text{O}_5+\text{N}$)% \geq	76%
Phosphorus Pentoxide(P_2O_5)% \geq	58
Nitrogen (N) % \geq	18
Polymerazation rate % \geq	65
Water Insolubles % \leq	0.2
Solubility in water (g/100ml, 25°C)	120
Moisture % \leq	0.5
Arsenic (As) ppm \leq	30
Lead (Pb) ppm \leq	10
Cadmium (Cd) ppm \leq	5
PH value	6.0-8.0

*the polymerization rate can be adjusted according to customers requirement, normally between 30%-70%.