





## Ammonium polyphosphate (APP-201)



Description Product Name : Ammonium polyphosphate (APP-201) \* Crystal :Phase II

> Equivalent Name : Clariant Exolit 422; Budenheim Cros 484

Cas No. : 68333-79-9

**Application** 

Main use in Plastic(PP,PE,PA,PVC,PBT),PU, Rubber,Paint,coating

**Benefits and Features** 

APP-201 is a fine-particle ammonium polyphosphate produced by a special method. The product is largely insoluble in water and completely insoluble in organic solvents. It is colourless, non-hygroscopic and non-flammable. APP-201 differs from most other commercial products in the following ways:

- greatly reduced solubility in water
- lower viscosity in aqueous suspensions
- lower viscosity in PU polyol suspensions
- very low acid number

**Typical Properties** 

Appearance	white powder.
P%	31 - 32
N %	14 min.
Degree of polymerization	1500 min.
Density (g/cm³)	1.9
Decomposition temperature °C	275 min.
Solubility in water g(25°C g/100ml H <sub>2</sub> O)	0.2
Viscosity mpa.s (25°C in 10%suspension)	100 max.
PH	5-5-7-5
Average particle size (um)	15 max.

These properties are typical but do not constitute a specification either in part or as a whole. Specification data is available on request from sales, customer service or customer technical service.

**Shipping Information** 

Transportation classification: No regulated for transportation.

Packing: 25kg/bag; 875kg/pallet; 17.5mt/20'FCL.

More information **Please Contact Us** 

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