

## Ammonium polyphosphate (APP) Flame Retardant, 68333-79-9

<b>Description</b>	Product Name	: Ammonium polyphosphate (APP) * Crystal :Phase II
	Equivalent Name	: Clariant Exolit 422; Budenheim Cros 484
	Cas No.	: 68333-79-9

**Application** APP is an ammonium polyphosphate flame retardant mainly used in Plastic(PP, PE, PA, PVC, PBT), PU, Rubber, Paint, coating, laminates and reinforced materials.

**Benefits and Features** APP flame retardant 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.

<b>Typical Properties</b>	Appearance .....	white powder.
	P %.....	31 - 32
	N %.....	14 min.
	Degree of polymerization .....	1500 min.
	Density (g/cm <sup>3</sup> ).....	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** Dongguan Baoxu Chemical Technology Ltd  
Caijing Business Bldg Dongguan CN 523071  
P/WeChat/Skype/Whatsapp +8618566530506  
Tel +86 0769 22821082 US: (213) 632-9361  
<https://www.additivesforpolymer.com>  
Email: [info@additivesforpolymer.com](mailto:info@additivesforpolymer.com)