



Description	Product Name	: Ammonium polyphosphate (APP-203) * Crystal :Phase II * Melamine coating
	Equivalent Name	: Budenheim Cros C40
	Cas No.	: 68333-79-9

Application	Main use in Plastic (PP,PE,PA,PVC,PBT),PU, Rubber, Paint, Textiles coating
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Benefits and Features

APP-203 is a product based on ammonium polyphosphate. The crystal modification is phase II. It is manufactured from APP-201 by micro-encapsulation with melamine according to own method. APP-203 is a fine-particle white powder with very low solubility in water, even at elevated temperatures. It is completely insoluble in organic solvents. The product is non-hygroscopic and non-flammable. APP-203 differs from APP-201 in the following properties:

- marked reduction in water
- soluble constituents
- even lower viscosity in aqueous suspension
- lower heat stability in the temperature range > 300 °C
- improved powder flowability.

Typical Properties	Appearance	white powder.
	P %.....	29 min.
	N %.....	15 min.
	Degree of polymerization	1500 min.
	Density (g/cm ³)	1.9
	Decomposition temperature °C	275 min.
	Solubility in water (g,25°C g/100ml H ₂ O)	0.1
	PH	6.0 - 7.5
	Average particle size (um).....	16 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.
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