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 polyl suspensions
- very low acid number

Typical Properties

Appearance .......................................................... white powder.
P %.............................................................................. 31 - 32
N %.............................................................................. 14 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_2O) ..................... 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

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