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Trade registration nr. 50769421 Chamber of Commerce Utrecht

Technical Data Sheet

Product name: Ammonium Polyphosphate
Chemical Name: Ammonium polyphosphate n >1000, Phase II
CAS No.: 68333-79-9
Equivalent to: Exolit AP 422= FR Cros 484

Specification:

Phosphorus (% w/w)	31 min.
Nitrogen (% w/w)	14 min.
PH value (10% suspension)	5.5 - 7.5
Water (% w/w)	0.25 max.
Thermal decomposition (°C)	275 min.
Density (@ 25°C) (kg/L)	1.90
Apparent density (kg/L)	0.70
Viscosity (25°C in 10% suspension) (mPa.s)	50 max.
Solubility in water (g/100ml)	0.5 max.
Average particlesize (D50, um)	15 max.

Application:

Be used in intumescent coatings, adhesive and sealants. Polyurethane foam, PU rigid, PU rigid integral skin foam, PU flexible. It can be used in cellulose-containing material (paper, wood). Meanwhile, this grade can also be used in casting resin based on epoxy resin, unsaturated PE resin, thermoplastics Plastic etc.

Shipping Information:

The package is 25kg craft paper bag, 875kg big bag or on customer's request.
 1*20FCL can be loaded 20mt with 25kg bag on pallet or 17.5mt with 875kg bag on pallet.
 Hazards identification: None.
 The substance is not subject to IMO TMDG.

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