



Flame retardant

DovaFR AP 310

Ammonium polyphosphate water- soluble

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Product description

DovaFR AP 310 is a White granule fine powder. It is the soluble salt of ammonium phosphate which is used as fertilizers and flame retardant.

Benefits

- Due to low degree of polymerization($n < 100$), DovaFR AP 310 is easy soluble in water.
- DovaFR AP 310 pH value is neutral, safe and stable during production and use, good compatibleness, not to react with other flame retardant and auxiliary.
- DovaFR AP 310 is high P-N content, appropriate proportion, excellent synergistic effect as flame retardant.

Specifications

Characteristics	Unit	Standard Request	Test Method
Appearance		White granular powder	HG/T 2770-2008
Nitrogen (as N)	%(w/w)	24 Min	HG/T 2770-2008
P ₂ O ₅	%(w/w)	45 Min	HG/T 2770-2008
Moisture	%(w/w)	0.1 Max	HG/T 2770-2008
pH value (1% aqueous solution)		6.8-8.4	HG/T 2770-2008
Solubility (60°C) g/100ml water	%(w/w)	100 Min	HG/T 2770-2008
Polymerization degree		60 Max	HG/T 2770-2008

¹⁾ Delivery specification: The product is monitored on a regular basis to ensure that it adheres to the specified values.

²⁾ Technical data: The technical data are used solely to describe the product and are not subject to regular monitoring.

Applications

DovaFR AP 310 is an eco-friendly halogen free retardant, can be used solely or together with other materials in the flameproof treatment for textiles, papers, fibers and woods, etc. in 20%P-N flame retardant. If special treatment, can be used to prepare high-concentration flameproof liquid to 50% to meet the flameproof requirement of special production.

The specific dosage according to the requirements of the formula and the compatibility of other raw materials.

Delivery Form

White granular powder

Packaging

DovaFR AP 310 is supplied in 25 kg bags / 1.000 kg shrink-wrapped pallets.

Storage

DovaFR AP 310 is in sealed containers at room temperature in a dry and cool place. Partially emptied containers should be carefully resealed after use.

Minimum shelf life is 24months from the date of shipping when stored according to the said conditions.

Contact Us

Please contact us for safety and regulatory details or the Material Safety Data Sheet (MSDS).