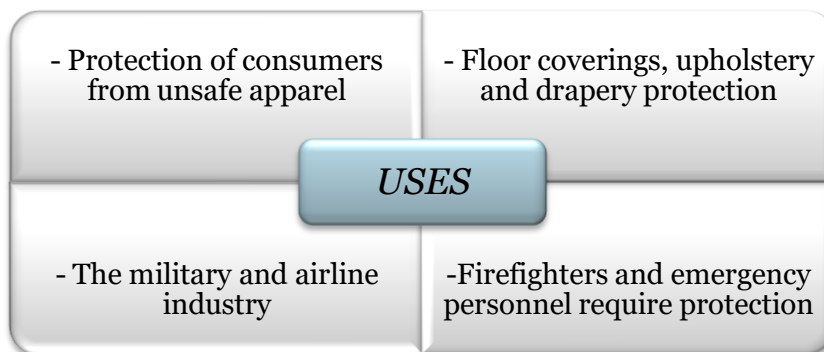


ADI-FLAME RT 300

Organic Phosphinate Fire Retardant

ADI-FLAME RT 300 is a white, fine-grained powder based on an organic phosphinate. The product is Non-hygroscopic and it is insoluble in water and organic solvents. ADI-FLAME RT 300 is the first Non-halogenated flame retardant which can withstand the demanding requirements of this high end segment of textile fabrics.



Benefits

- Non-hygroscopic, insoluble in water and organic solvents
- Good hydrolysis resistance
- High efficiency due to its high phosphorus content
- Suited for processing temperatures up to ~ 330 °C
- Non-halogenated flame retardant with favorable environmental and health profile

Properties

Chemical composition:	Organic phosphinate
Physical form:	white, fine-grained powder
Solubility	Insoluble in water and organic solvents
Storage stability:	ADI-FLAME RT 300 is recommended to store at 24°C or below with optimum temperature at 15°C. The products stored in sealed container at recommended level will maintain 90% activity for at least 6 months. Prolonged storage at temperatures above 30°C should be avoided.

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NOTE: - The information and data contained herein are based on controlled or lab work. The recommendations are given on Previous experience basis but cannot be extended to cover every possible case. It should be verified and evaluated by The user by testing for the intended conditions of use. AIDA dyes & chemical does not express or imply any Warranty or guarantee. The suitability of the product for the application, intended by buyer of the product

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Application

ADI-FLAME RT 300 is highly suited for knits and woven made of cellulose fibers as well as their blends.

Substrate: Knitted and woven goods of all types of cellulosic fibers and their blends

Equipment: Continuous machine

Operation: Fire retardant

Application Fields: ADI-FLAME RT 300 is highly suited for knits and woven made of cellulose fibers as well as their blends.

Application amounts depend on the material. We recommend determining the best application quantity by means of preliminary tests.

Guide recipes:

Continuous Process:

Dosage: 40 -50 g/l ADI-FLAME RT 300 (ready to use solution)

Drying: Standard condition

Packing

25 kg & 50 kg plastic bags are available.