



FaRetar Flame Retardant Technology Co., Ltd.

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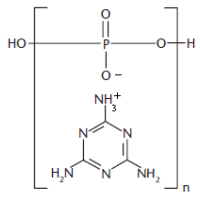
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FARETAR™ MPP

Melamine Polyphosphate

Product description

FARETAR™ MPP is a halogen-free and efficient nitrogen phosphorus flame retardant. It has high thermal stability and low water solubility. It is mainly used in nylon and polyurethane, and can also be used in conjunction with other flame retardants to obtain better flame retardancy,

Molecular Structure	
Chemical Name	Melamine Polyphosphate
Formula	HO(C ₃ H ₆ N ₆ PO ₃) _n H
CAS Number	218768-84-4
Molecular Weight	255.2
Appearance	White powder
Specific gravity, g/cm ³	1.7

Comparable grade

BASF Melapur 200

Characteristics

- Halogen-free and low poison, meet European Environmental Protection requirements
- Good processability
- No corrosion damage to processing equipment and mould
- Good heat stability, suitable for glass fiber-reinforced nylon

- Good dispersibility to enhance the mechanical properties of the processed products

Application

FARETAR™ MPP can be widely used in plastics, rubber, fiber and so on.

FARETAR™ MPP is especially suitable for glass fiber reinforced PA66, endowing it not only with excellent flame retardant effect, but better comprehensive properties.

Specification

Item	Specification
Appearance	White powder
N content, %	43 ± 0.5
P content, %	13 ± 0.5
Water content, %	≤ 0.2
Thermal Decomposition temperature, °C	≥ 359
Particle size D50, μm	≤ 5

*Test method: Q/0783FRT 014-2019

Package

25 kg/paper bag (plastic liner/paper bag) (12mt/20FCL)

Storage

Store the product in a cool, dry, well - ventilated area