



# Technical Data Sheet

## ProFlame® PN1693

**Product Name:** Melamine phosphate (MP)

**CAS NO.:** 20208-95-1/41583-09-9

**Molecular Formula:** C<sub>3</sub>H<sub>6</sub>N<sub>6</sub>.H<sub>3</sub>PO<sub>4</sub>

White powder, non-toxic, odorless; Insoluble in water and most organic solvents. PN1693 is the best match between its decomposition temperature and the decomposition temperature of the coating.

### Specification:

	PN1693A	PN1693B
Appearance	White crystalline powder	
Nitrogen content,%	≥36	
Phosphor content,%	≥12	
Moisture,%	≤0.5	
PH Value 10g/L	5.5-6.5	6.5-7.5
Residual melamine,ppm	--	≤1000
D50 particle size, μm	≤3.0	

### Application

Widely used in fireproof coatings, flame-retardant plastics and other products. Due to the increasing demand for halogen-free flame retardants in recent years, PN1693 has new application prospects and a broad market.

### Package & Storage

25kg bag with PE inner bag.

Should be stored in dry and ventilated storeroom. This product is non-dangerous.

For other operations, please refer to SDS instructions provided by the manufacturer.

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