

## FCI FLAME RETARDANTS

34 Glen Lake Drive, Medford, NJ 08055

# TECHNICAL DATA SHEET

## Melamine Pyrophosphate

CAS No. : 15541-60-3  
Chemical Formula :  $C_6H_{16}N_{12}P_2O_7$   
Appearance : White, free-flowing powder

SPECIFICATIONS		
Content of Nitrogen	%(w/w)	≥37.0
Content of Phosphorous	%(w/w)	≥14.0
pH value (10% suspension, 20°C)		3.0-4.0
Water solubility	(g/100cm <sup>3</sup> water 20°C)	0.15
Thermal decomposition	°C	≥300
Average Particle Size	μm (D50)	4

### Applications

FCI-MPP is suitable for extruded plastics below 300 °C, such as PE, wire and cable, Epoxy, fiber glass, PU, UPR, polyamide intumescent coatings, and so on.

### Safety and Toxicity

Acute oral toxicity, LD<sub>50</sub> (rat): ≥5000mg/kg LD50

Storage : Dry, at room temperature

### Packing

20kg / bag, paper bag lined with PE bag or as customers' requirements