



## Technical Datasheet

### Product: Flame-Retardant Polypropylene Masterbatch

### Grade: C1PP-FRM-02

#### Product Description:

C1PP-FRM-02 is polypropylene based flame-retardant masterbatch designed to meet UL-94 V-0 flammability criteria in compounding, extrusion and injection molding applications. C1PP-FRM-02 offers excellent dispersion of flame-retardant additives. C1PP-FRM-02 can be letdown with homopolymer or copolymer resins and produce a compound with a good balance of physical, mechanical and flame-retardant properties. C1PP-FRM-02 contains active brominated flame-retardants and antimony oxide synergist and stabilizers.

#### Appearance:

Host Polymer	PP
Appearance	Granules
Color	Natural
Dispersion	Excellent

#### Physical Properties:

Properties	Unit	Value	Standard
Melt Flow Index (230°C , 2.16 Kg)	g/10min	9	ASTM D1238
Specific Gravity	g/cm <sup>3</sup>	1.39	ASTM D792
Flammability	-	V-0	UI-94

Dosage: The recommended dosage for homopolymer resin compounds is 3 to 4 % and for copolymer resin compounds is 4 to 5 %.

Note: The information provided in this data sheet is based on our present state of knowledge and is estimated by Payesh C-One Polymer Co.. This information should not be used as guaranteeing specification limits. Payesh C-One Polymer Co. make no warranty and liability in connection with any use of this information.