

Technical Datasheet

Product: Mineral Filled Polypropylene Masterbatch

Grade: C1PP-MFM

Product Description:

C1PP-MFM is Calcium Carbonate filled Polypropylene based Filler Masterbatch. C1PP-MFM consist of fine coated CaCO₃ blended with selected polymer and additives. C1PP-MFM design for woven sacks, lamination, injection molding & non-woven.

Material Characteristics:

- Reduces cost by replacing the equivalent amount of polymer.
- Improve productivity & performance.
- Improve mechanical properties.

Appearance:

Host Polymer	PP
Appearance	Granules
Color	White
Mineral Content	80±2
Dispersion	Excellent

Physical Properties:

Properties	Unit	Value	Standard
Moisture Content	%	<0.1	ASTM D 644
Specific Gravity	g/cm ³	1.76	ASTM D792

Dosage: The recommended dosage is 10 to 70 % in PP depending on required quality.

Processing Temperature: The recommended processing temperature is 200 to 240 °C.

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.