

Technical Datasheet

Product: White Masterbatch

Grade: C1WM-PE70

Product Description:

C1WM-PE70 is high filled rutile TiO₂ masterbatch in polyethylene resin. This grade contains 70 wt% high quality and fine white pigments in which best dispersion and distribution of white pigments is provided. It can be applicable in high quality applications such as film coating, extrusion coating, injection molding for food contact, medical devices and products for photographic applications.

Application: Water Storage Tanks, PE Packaging Films, Shopping Bags, Injected Part.

Appearance:

Host Polymer	PE
Appearance	Granules
Color	White
Mineral Content	70±2
Dispersion	Excellent

Physical Properties:

Properties	Unit	Value	Standard
Moisture Content	%	<0.1	ASTM D 644
Specific Gravity	g/cm ³	1.95	ASTM D792

Dosage: The recommended dosage is 0.5 to 3% in PE depending on required quality.

Processing Temperature: The recommended processing temperature is 190 to 230 °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.