

WMB 122B

Polyolefin
Pooya Polymer Tehran

Message:

Titanium Dioxide MB

Description
WMB 122B is a polyolefin based masterbatch highly filled with whitening pigments. It is designed for use in mono & multilayer PO blown and cast film applications such as HDPE or LLD/LDPE shopping bags and packaging. Also applicable in other extrusion and molding processes. Due to the fine & special treated titanium dioxide used in WMB 122B, it offers excellent dispersion, high opacity & good resistance to UV exposure. This product is suitable for use in a wide range of plastics that come into contact with food. For more details please contact us.

Application
WMB 122B is designed for ease of dilution and homogeneous mixing and is therefore suitable for direct addition using automatic dosing units or by pre-blending.
Depending on the application it can be used from 1 to 6%.

General Information			
Additive	Pigment		
	Titanium Dioxide (TiO2)		
Features	Dispersible		
	Food Contact Acceptable		
	Good UV Resistance		
Uses	Film		
	Masterbatch		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	1.85	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	1.0 to 3.0	g/10 min	ASTM D1238
Moisture Content	< 2000	ppm	ASTM D644
Additional Information	Nominal Value	Unit	Test Method
Dispersion	OK		Internal Method
Mineral Content - Titanium dioxide	49 to 51	%	ASTM D4218
Pellet Size	30.0 to 40.0	pcs/cm ³	Internal Method

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