

CALFIN 1152CF

Polyolefin

Pooya Polymer Tehran

Message:

Filler MB

Description

CALFIN 1152CF is a polyolefin based masterbatch highly filled with fine treated calcium carbonate. It is designed for use in cast-film applications based on HDPE, LLD/LDPE and PP to improve optical and mechanical properties whilst providing significant cost reduction potential. It can be used as an anti-block agent as well.

Application

CALFIN 1152CF 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 and film structure it can be used from 5% to 40%.

General Information			
Filler / Reinforcement	Calcium Carbonate		
Uses	Cast 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 5.0	g/10 min	ASTM D1238
Moisture Content	< 2000	ppm	ASTM D644
Mean Particle Size - d50%	2.0	µm	Malvern
Dispersion	OK		Internal Method
Mineral Content	78 to 80	%	ASTM D4218
Pellet Size	30.0 to 40.0	pcs/cm ³	Internal Method

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