

CALFIN 1152WA

Polyolefin

Pooya Polymer Tehran

Message:

Filler MB

Description

CALFIN 1152WA is a polyolefin based masterbatch highly filled with fine treated calcium carbonate. It is designed for use in film applications such as HDPE or LLD/LDPE shopping bags to improve optical and mechanical properties whilst providing significant cost reduction potential. It can be used as an antiblock agent. Furthermore it presents bluish white shade to the final film.

Application

CALFIN 1152WA is designed for ease of dilution and homogeneous mixing and is therefore suitable for direct addition using automatic dosing units or by pre-blending. CALFIN 1152WA is specially designed for high level usage up to 50%.

General Information			
Filler / Reinforcement	Calcium Carbonate		
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/5.0 kg)	1.0 to 3.0	g/10 min	ASTM D1238
Moisture Content	< 5000	ppm	ASTM D644
Additional Information	Nominal Value	Unit	Test Method
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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Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

