

# CALSIN LC102

Polyolefin

Pooya Polymer Tehran

## Message:

Filler MB

Description

CALSIN LC102 is a polyolefin based masterbatch highly filled with calcium carbonate. It is designed for use in a wide range of applications specially in PP & HDPE injection molded parts to improve the optical and mechanical properties specially dimensional stability and stiffness whilst providing significant cost reduction potential.

Application

CALSIN LC102 is designed for ease of dilution and homogeneous mixing and is therefore suitable for direct addition using automatic dosing units or by pre-blending.

As usual it can be used in PP & HDPE injection molded parts from 5 to 35% depends on the part & the mold design.

This grade is not suitable for PE film and PP raffia bag. For more details please contact us.

General Information			
Filler / Reinforcement	Calcium Carbonate		
Uses	Masterbatch		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	1.93	g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	> 2.0	g/10 min	ASTM D1238
Moisture Content	< 5000	ppm	ASTM D644
Additional Information	Nominal Value	Unit	Test Method
Dispersion	OK		Internal Method
Mineral Content	84 to 86	%	ASTM D4218
Pellet Size	30.0 to 40.0	pcs/cm <sup>3</sup>	Internal Method

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## Recommended distributors for this material

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