

# CALSIN SE105

Polyolefin

Pooya Polymer Tehran

## Message:

Filler MB

Description

CALSIN SE105 is a polyolefin based masterbatch highly filled with a fine treated calcium carbonate. It is designed for use in PP & PE mono and multilayer sheet applications to improve optical and mechanical properties whilst providing significant cost reduction potential.

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

CALSIN SE105 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, thickness of sheet and technical skill it can be used from 10% to 35%.

General Information			
Filler / Reinforcement	Calcium Carbonate		
Features	Food Contact Acceptable		
Uses	Masterbatch		
	Sheet		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	1.80	g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR)	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	77 to 79	%	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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