

- Polypropylene

Friday, June 30, 2017

General Information

Product Description

SINPOLENE MBN7594 is a nucleating concentrate designed specifically for enhancing the clarity as well as improving the mechanical and thermal properties of polypropylene. It is particularly effective for PP homopolymer and random copolymer. Articles made from the addition of the concentrate can have transparency comparable to the clear plastics with improved physical properties.

Benefits

- * Better clarity
- * Better gloss and smoothness on surface
- * Improved flexural modulus
- * Reduced moulding cycle time possible due to higher crystallization temperature
- * Improved dimensional stability
- * Prevention of sink-mark
- * Approved for food contact application when used at recommended dosage

General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East	• Asia Pacific	• Latin America
Additive	• Nucleating Agent: 8%		
Features	• Low Odor		
Uses	• Profiles	• Sheet	
Forms	• Pellets		
Processing Method	• Injection Molding	• Profile Extrusion	• Sheet Extrusion

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	15	g/10 min	ASTM D1238

Additional Information

Recommended Dosage: 2.0-4.0%

Notes

¹ Typical properties: these are not to be construed as specifications.

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Revision Date: 12/12/2013

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