

- Polyethylene

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Friday, June 30, 2017

General Information

Product Description

Sinpolene MBW1701 is a polyethylene-based pure white masterbatch designed specifically for use in tubular film blowing, blow moulding and co-extrusion of polyolefins. With its extremely high pigment loading, Sinpolene MBW1701 offers high colouring value with excellent quality and performance.

The blue undertone of this masterbatch is attributed by specially selected high performance, fine crystal size rutile titanium dioxide.

Sinpolene MBW1701 is delivered as free flowing pellets for processing convenience.

CHARACTERISTICS

- * Easy processing
- * Good dispersion
- * High opacifying power
- * Excellent whiteness

General

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Material Status	Commercial: Active	Commercial: Active		
Availability	 Asia Pacific 	Asia Pacific		
Filler / Reinforcement	Titanium Dioxide Equiv	Titanium Dioxide Equivalent, 75% Filler by Weight		
Uses	• Film	 Masterbatch 	Sheet	
RoHS Compliance	 RoHS Compliant 			
Forms	Pellets			
Processing Method	Blown Film	Sheet Extrusion		

Physical	Nominal Value Unit	Test Method
Specific Gravity	2.21	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	15 to 30 g/10 min	ASTM D1238
Moisture Content	< 0.20 %	ASTM D3030

Recommended dosage: 5 - 8%

Notes

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

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