

- Linear Low Density Polyethylene

General Information

Product Description

Sinpolene MBW001LE is a polyethylene-based white masterbatch designed specifically for use in tubular film blowing, blow moulding and extrusion of polyolefins. Sinpolene MBW001LE 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 MBW001LE is delivered as free flowing pellets for processing convenience.

CHARACTERISTICS

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

General

Material Status	• Commercial: Active		
Availability	• Asia Pacific		
Filler / Reinforcement	• Titanium Dioxide Equivalent, 30% Filler by Weight		
Features	• General Purpose		
Uses	• Film	• Masterbatch	• Sheet
RoHS Compliance	• RoHS Compliant		
Appearance	• White		
Forms	• Pellets		
Processing Method	• Blown Film	• Sheet Extrusion	

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.68		ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	5.0 to 30	g/10 min	ASTM D1238
Moisture Content	< 0.25	%	ASTM D3030

Additional Information

Not recommended for outdoor application

Recommended dosage: 2 - 5%

Notes

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

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