

**- Low Density Polyethylene**

Friday, June 30, 2017

**General Information**

**Product Description**

Sinpolene MBW1282 is a polyethylene-based pure white masterbatch designed specifically for use in tubular film blowing, cast film, blow moulding and extrusion of polyolefins, where processing temperatures exceed 250C. With its high pigment loading, Sinpolene MBW1282 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 MBW1282 is delivered as free flowing pellets for processing convenience.

**CHARACTERISTICS**

- \* Easy processing
- \* Good dispersion
- \* High opacifying power
- \* Excellent whiteness
- \* Low die deposit

**General**

Material Status	• Commercial: Active		
Availability	• Asia Pacific		
Filler / Reinforcement	• Titanium Dioxide, 60% Filler by Weight		
Uses	• Film	• Masterbatch	• Sheet
Agency Ratings	• FDA Unspecified Rating	• JHOSPA Unspecified Rating	
Forms	• Pellets		
Processing Method	• Blown Film	• Cast Film	• Sheet Extrusion

**ASTM & ISO Properties <sup>1</sup>**

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.73		ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	< 30	g/10 min	ASTM D1238
Moisture Content	< 0.20	%	ASTM D3030

**Additional Information**

Recommended dosage: 5 - 10%

**Notes**

<sup>1</sup> Typical properties: these are not to be construed as specifications.

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