

- Linear Low Density Polyethylene

**General Information**

**Product Description**

Sinpolene MBW1781 is a polyethylene-based bluish white masterbatch, designed specifically for use in injection moulding and sheet extrusion of polyolefin. With its high pigment loading, Sinpolene MBW1781 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 MBW1781 is delivered as free flowing pellets for processing convenience.

**CHARACTERISTICS**

- \* Easy processing
- \* Good dispersion
- \* High opacifying power
- \* Excellent whiteness
- \* Bluish undertone

**General**

Material Status	• Commercial: Active		
Availability	• Asia Pacific		
Filler / Reinforcement	• Titanium Dioxide Equivalent, 60% Filler by Weight		
Uses	• Bottles	• Masterbatch	• Sheet
RoHS Compliance	• RoHS Compliant		
Appearance	• White		
Forms	• Pellets		
Processing Method	• Blow Molding	• Blown Film	• Sheet Extrusion

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

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.75		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: 2 - 8%

**Notes**

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

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