

- Polyethylene

Friday, June 30, 2017

General Information

Product Description

Sinpolene MBW1712 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 MBW1712 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 MBW1712 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, 70% Filler by Weight
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	2.20		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

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

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