

- Linear Low Density Polyethylene

General Information

Product Description

Sinpolene MBW1791 is a polyethylene-based pure white masterbatch designed specifically for use in film extrusion, general purpose and T-shirt bags application. With its high pigment loading, Sinpolene MBW1791 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 MBW1791 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	• Africa & Middle East	• Asia Pacific	• Latin America
Filler / Reinforcement	• Titanium Dioxide Equivalent, 60% Filler by Weight		
Uses	• Film	• Sheet	
RoHS Compliance	• RoHS Compliant		
Appearance	• White		
Forms	• Pellets		
Processing Method	• Blow Molding	• Injection Molding	
	• Blown Film	• Sheet Extrusion	

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Specific Gravity	2.01		ASTM D792
Melt Mass-Flow Rate (MFR) ² (190°C/2.16 kg)	5.0 to 40	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.

² Add SG= 2, moisture content<0.2%

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