

## - Low Density Polyethylene

Friday, June 30, 2017

### General Information

#### Product Description

SINPOLENE MBB1406 is a polyethylene-based black masterbatch designed specifically for use in tubular film blowing, blow moulding, injection moulding, and sheet extrusion of polyolefins. SINPOLENE MBB1406 has very high pigment loading and thus offers high coloring value with superior quality and performance.

- \* Easy processing
- \* Good dispersion
- \* High jetness
- \* Minimal wear effect on processing equipment

#### General

Material Status	• Commercial: Active		
Availability	• Asia Pacific		
Features	• General Purpose		
Uses	• Film	• Packaging	• Sheet
RoHS Compliance	• RoHS Compliant		
Forms	• Pellets		
Processing Method	• Blown Film	• Sheet Extrusion	

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

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.16		ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	< 25	g/10 min	ASTM D1238
Carbon Black Content	45	%	ASTM D1603
Moisture Content	< 0.25	%	ASTM D3030

#### Additional Information

Recommended dosage: 1 - 5%

#### Notes

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

#### Teknor Apex Company Corporate Headquarters

In U.S. for Vinyls, TPEs, Colorants,  
Engineered Thermoplastics (Chem Polymer)  
505 Central Avenue  
Pawtucket, Rhode Island 02861 U.S.

Phone: 401-725-8000  
Fax: 401-725-8095  
Toll Free (U.S. only) 800-556-3864

info@teknorapex.com

#### Teknor Apex U.K. Ltd.

Tat Bank Road  
Oldbury, West Midlands B69 4NH England

Phone: (44) 121-665-2100  
Fax: (44) 121-544-5530

etpsales@teknorapex.co.uk



Revision Date: 7/4/2012