

**General Information**

**Product Description**

SINPOLENE MBB1782 is a masterbatch based on a medium jetness carbon black dispersed in polyethylene. It is designed specifically for use in tubular film blowing, blow moulding, extrusion and injection molding of polyolefins. The ingredients used in MBB1782 are approved by most regulations governing the contact of materials with food.

SINPOLENE MBB1782 is delivered as free flowing pellets for processing convenience.

**CHARACTERISTICS**

- \* Easy processing
- \* Good dispersion
- \* High jetness
- \* Good weather and UV light protection
- \* Minimal wear effect on processing equipment

**General**

Material Status	• Commercial: Active
Availability	• Asia Pacific
Features	• Food Contact Acceptable
Uses	• Film
Forms	• Pellets
Processing Method	• Blown Film

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

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.14		ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/10.0 kg)	> 1.0	g/10 min	ASTM D1238
Carbon Black Content	40	%	ASTM D1603
Moisture Content	< 0.20	%	ASTM D3030

**Additional Information**

Recommended dosage: 1 - 3%

The product is:

- EU Food Contact 10/2011 Compliance
- REACH (<1000ppm SVHC)Compliance

**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

