

# MarFlex® 7109M

Linear Low Density Polyethylene  
Chevron Phillips Chemical Company LLC

Message:

MarFlex® 7109M is a Linear Low Density Polyethylene material. It is available in Latin America or North America for blown film or coextrusion. Important attributes of MarFlex® 7109M are:

- Antiblock
- Good Processability
- Good Stiffness
- Hexene Comonomer
- Slip
- Typical applications include:
  - Bags/Liners
  - Additive/Masterbatch
  - Industrial Applications
  - Packaging

General Information			
Additive	High Antiblock		
	High Slip		
Features	Good Drawdown		
	Good Processability		
	Good Stiffness		
	Hexene Comonomer		
	High Antiblocking		
	High Slip		
Uses	Bags		
	Blending		
	Industrial Applications		
	Liners		
	Packaging		
Appearance	Natural Color		
Forms	Pellets		
Processing Method	Blown Film		
	Coextrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.918	g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.90	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method

Coefficient of Friction	0.15		ASTM D1894
Films	Nominal Value	Unit	Test Method
Film Thickness - Tested	25	μm	
Secant Modulus			ASTM D882
1% Secant, MD : 25 μm, Blown Film	207	MPa	
1% Secant, TD : 25 μm, Blown Film	228	MPa	
Tensile Strength			ASTM D882
MD : Break, 25 μm, Blown Film	30.0	MPa	
TD : Break, 25 μm, Blown Film	20.0	MPa	
Tensile Elongation			ASTM D882
MD : Break, 25 μm, Blown Film	400	%	
TD : Break, 25 μm, Blown Film	600	%	
Dart Drop Test - Blown Film (25.4 μm)	125.5	kN/m	ASTM D1709
Elmendorf Tear Strength <sup>1</sup>			ASTM D1922
MD : 25.4 μm	154.4	kN/m	
TD : 25.4 μm	251.0	kN/m	
Optical	Nominal Value	Unit	Test Method
Gloss (60°, 25.4 μm, Blown Film)	70		ASTM D2457
Haze (25.4 μm, Blown Film)	21	%	ASTM D1003
NOTE			
1.	Blown Film		

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

#### Recommended distributors for this material

### Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



WECHAT