

MarFlex® 5561

Low Density Polyethylene
Chevron Phillips Chemical Company LLC

Message:

MarFlex® 5561 is a Low Density Polyethylene material. It is available in Latin America or North America for blown film or cast film.

Important attributes of MarFlex® 5561 are:

- Antiblock
- Good Aesthetics
- Good Processability
- Good Sealability
- Impact Resistant
- Typical applications include:
 - Bags/Liners
 - Coating Applications
 - Film
 - Packaging
 - Wrap

General Information			
Additive	Antiblock (3000 ppm)		
Features	Antiblocking		
	Good Heat Seal		
	Good Impact Resistance		
	Good Processability		
	High Friction		
	Opticals		
Uses	Film		
	Laminates		
	Liners		
	Packaging		
	Shrink Wrap		
Appearance	Natural Color		
Forms	Pellets		
Processing Method	Blown Film		
	Cast Film		
Physical	Nominal Value	Unit	Test Method
Density	0.925	g/cm³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	1.3	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Coefficient of Friction (Blown Film)	0.57		ASTM D1894

Films	Nominal Value	Unit	Test Method
Film Thickness - Tested	32	μm	
Oxygen Permeability (32 μm, Blown Film)	5500	cm ³ ·mm/m ² /atm/24 hr	ASTM D3985
Water Vapor Transmission Rate (32 μm, Blown Film)	17	g/m ² /24 hr	ASTM F1249
Dart Drop Test - Blown Film (31.8 μm)	36.7	kN/m	ASTM D1709
Elmendorf Tear Strength ¹			ASTM D1922
MD : 31.8 μm	77.2	kN/m	
TD : 31.8 μm	92.7	kN/m	
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	100	°C	ASTM D1525
Melting Temperature	111	°C	DSC
Optical	Nominal Value	Unit	Test Method
Gloss (60°, 31.8 μm, Blown Film)	129		ASTM D2457
Haze (31.8 μm, Blown Film)	5.0	%	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

