

# MarFlex® 1122

Low Density Polyethylene

Chevron Phillips Chemical Company LLC

## Message:

MarFlex® 1122 is a Low Density Polyethylene material. It is available in Latin America or North America for blown film.

Important attributes of MarFlex® 1122 are:

Good Processability

Good Sealability

Impact Resistant

Typical applications include:

Bags/Liners

Film

General Information			
Features	Good Drawdown		
	Good Heat Seal		
	Good Impact Resistance		
	Good Processability		
Uses	Bags		
	Film		
	Liners		
Appearance	Natural Color		
Forms	Pellets		
Processing Method	Blown Film		
Physical	Nominal Value	Unit	Test Method
Density	0.920	g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	2.1	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Coefficient of Friction (Blown Film)	> 1.0		ASTM D1894
Films	Nominal Value	Unit	Test Method
Oxygen Transmission Rate (32 µm, Blown Film)	5200	cm <sup>3</sup> /m <sup>2</sup> /24 hr	ASTM D3985
Water Vapor Transmission Rate (32 µm, Blown Film)	15	g/m <sup>2</sup> /24 hr	ASTM F1249
Dart Drop Test - Blown Film (31.8 µm)	34.7	kN/m	ASTM D1709
Elmendorf Tear Strength <sup>1</sup>			ASTM D1922
MD : 31.8 µm	67.6	kN/m	
TD : 31.8 µm	46.3	kN/m	
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	96.0	°C	ASTM D1525

Melting Temperature	107	°C	DSC
Optical	Nominal Value	Unit	Test Method
Gloss (60°, 31.8 µm, Blown Film)	85		ASTM D2457
Haze (31.8 µm, Blown Film)	8.5	%	ASTM D1003
NOTE			
1.	Blown Film		

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#### Recommended distributors for this material

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