

MarFlex® 7114

Linear Low Density Polyethylene

Chevron Phillips Chemical Company LLC

Message:

MarFlex® 7114 is a Linear Low Density Polyethylene material. It is available in Latin America or North America for blown film, cast film, or coextruded film.

Important attributes of MarFlex® 7114 are:

Good Processability

Good Stiffness

Typical application of MarFlex® 7114: Wrap

General Information	
Features	Good Drawdown Good Processability Good Stiffness
Uses	Stretch Wrap
Forms	Pellets
Processing Method	Blown Film Cast Film Coextruded Film

Physical	Nominal Value	Unit	Test Method
Density	0.918	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	1.4	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Coefficient of Friction (Cast Film)	> 1.0		ASTM D1894
Films	Nominal Value	Unit	Test Method
Film Thickness - Tested	25	µm	
Secant Modulus			ASTM D882
1% Secant, MD : 25 µm, Cast Film	180	MPa	
1% Secant, TD : 25 µm, Cast Film	180	MPa	
Tensile Strength			ASTM D882
MD : Break, 25 µm,Cast Film	51.0	MPa	
TD : Break, 25 µm,Cast Film	30.0	MPa	
Tensile Elongation			ASTM D882
MD : Break, 25 µm,Cast Film	470	%	
TD : Break, 25 µm,Cast Film	700	%	
Dart Drop Test - Cast Film (25.4 µm)	54.1	kN/m	ASTM D1709
Elmendorf Tear Strength ¹			ASTM D1922
MD : 25.4 µm	193.0	kN/m	
TD : 25.4 µm	223.9	kN/m	

Optical	Nominal Value	Unit	Test Method
Gloss (60°, 25.4 µm, Cast Film)	140		ASTM D2457
Haze (25.4 µm, Cast Film)	3.0	%	ASTM D1003
NOTE			
1.	Cast Film		

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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

