

MarFlex® 7120B

Linear Low Density Polyethylene
Chevron Phillips Chemical Company LLC

Message:

MarFlex® 7120B is a Linear Low Density Polyethylene material. It is available in Latin America or North America for blown film, cast film, or coextrusion. Important attributes of MarFlex® 7120B are:

- Good Processability
- Good Stiffness
- Hexene Comonomer
- Slip

Typical applications include:

- Additive/Masterbatch
- Wrap

General Information	
Additive	High Slip
Features	Good Drawdown
	Good Processability
	Good Stiffness
	Hexene Comonomer
	High Slip
Uses	Blending
	Stretch Wrap
Appearance	Natural Color
Forms	Pellets
Processing Method	Blown Film
	Cast Film
	Coextrusion

Physical	Nominal Value	Unit	Test Method
Density	0.919	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	2.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Coefficient of Friction (Cast Film)	0.10		ASTM D1894
Films	Nominal Value	Unit	Test Method
Film Thickness - Tested	32	µm	
Secant Modulus			ASTM D882
1% Secant, MD : 32 µm, Cast Film	200	MPa	
1% Secant, TD : 32 µm, Cast Film	214	MPa	
Tensile Strength			ASTM D882

MD : Break, 32 μm,Cast Film	43.0	MPa	
TD : Break, 32 μm,Cast Film	33.0	MPa	
Tensile Elongation			ASTM D882
MD : Break, 32 μm,Cast Film	580	%	
TD : Break, 32 μm,Cast Film	780	%	
Dart Drop Test - Cast Film (31.8 μm)	54.1	kN/m	ASTM D1709
Elmendorf Tear Strength ¹			ASTM D1922
MD : 31.8 μm	300		
TD : 31.8 μm	212.3	kN/m	
Optical	Nominal Value	Unit	Test Method
Gloss (60°, 31.8 μm, Cast Film)	140		ASTM D2457
Haze (31.8 μm, Cast Film)	3.0	%	ASTM D1003
Extrusion	Nominal Value	Unit	
Melt Temperature	271	°C	
NOTE			
1.	Cast Film		

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