MarFlex® 7120X

Linear Low Density Polyethylene

Chevron Phillips Chemical Company LLC

Message:

MarFlex® 7120X 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® 7120X are:
Good Processability
Good Stiffness
Hexene Comonomer
Typical applications include:
Additive/Masterbatch
Wrap

General Information	
Features	Good Drawdown Good Processability Good Stiffness Hexene Comonomer
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/cm³	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)	> 1.0		ASTM D1894
Films	**Nominal Value**	**Unit**	**Test Method**
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	115.8	kN/m	
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
NOTE			
1.	Cast Film		

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

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