

# MarFlex® 7235

Linear Low Density Polyethylene  
Chevron Phillips Chemical Company LLC

Message:

MarFlex® 7235 is a Linear Low Density Polyethylene material. It is available in Latin America or North America for cast film or coextrusion. Important attributes of MarFlex® 7235 are:

- Good Aesthetics
- Good Processability
- Good Stiffness
- Good Toughness
- Hexene Comonomer

Typical applications include:

- Additive/Masterbatch
- Coating Applications
- Film
- Food Contact Applications
- Packaging

General Information			
Features	Good Drawdown		
	Good Processability		
	Good Stiffness		
	Good Toughness		
	Hexene Comonomer		
	Opticals		
Uses	Blending		
	Film		
	Food Wrap		
	Laminates		
	Packaging		
Appearance	Natural Color		
Forms	Pellets		
Processing Method	Cast Film		
	Coextrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.923	g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	3.5	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	32	μm	
Secant Modulus			ASTM D882
1% Secant, MD : 32 μm, Cast Film	214	MPa	
1% Secant, TD : 32 μm, Cast Film	228	MPa	
Tensile Strength			ASTM D882
MD : Break, 32 μm,Cast Film	34.0	MPa	
TD : Break, 32 μm,Cast Film	22.0	MPa	
Tensile Elongation			ASTM D882
MD : Break, 32 μm,Cast Film	500	%	
TD : Break, 32 μm,Cast Film	700	%	
Dart Drop Test - Cast Film (31.8 μm)	27.0	kN/m	ASTM D1709
Elmendorf Tear Strength <sup>1</sup>			ASTM D1922
MD : 31.8 μm	57.9	kN/m	
TD : 31.8 μm	173.7	kN/m	
Optical	Nominal Value	Unit	Test Method
Gloss (60°, 31.8 μm, Cast Film)	140		ASTM D2457
Haze (31.8 μm, Cast Film)	4.0	%	ASTM D1003
NOTE			

1. Cast Film

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#### Recommended distributors for this material

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