

MarFlex® 7308DK

Linear Low Density Polyethylene
Chevron Phillips Chemical Company LLC

Message:

MarFlex® 7308DK is a linear low density polyethylene material. This product is available in North America or Latin America. The processing method is blow molded film.

MarFlex® The main features of 7308DK are:

- Antiblock software
- hexene comonomer
- Good processability
- processing aids
- Good stiffness

Typical application areas include:

- bag/lining
- packing
- Movie
- industrial applications
- additive/masterbatch

General Information			
Additive	Low caking resistance		
	Processing aid		
Features	Low caking resistance		
	Rigid, good		
	hexene comonomer		
	Workability, good		
	Good toughness		
	General		
Uses	Packaging		
	Films		
	Industrial application		
	Mixing		
	General		
	Heavy packing bag		
Forms	Particle		
Processing Method	Blow film		
Physical	Nominal Value	Unit	Test Method
Density	0.925	g/cm³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.80	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Coefficient of Friction (Blown Film)	0.30		ASTM D1894

Films	Nominal Value	Unit	Test Method
Film Thickness - Tested	25	μm	
secant modulus			ASTM D882
1% secant, MD: 25 μm, blown film	290	MPa	ASTM D882
1% secant, TD: 25 μm, blown film	345	MPa	ASTM D882
Tensile Strength			ASTM D882
MD: Broken, 25 μm, blown film	55.0	MPa	ASTM D882
TD: Broken, 25 μm, blown film	34.0	MPa	ASTM D882
Tensile Elongation			ASTM D882
MD: Broken, 25 μm, blown film	400	%	ASTM D882
TD: Broken, 25 μm, blown film	700	%	ASTM D882
Dart Drop Test - Blown Film (25.4 μm)	48.3	kN/m	ASTM D1709
Elmendorf Tear Strength ¹			ASTM D1922
MD : 25.4 μm	115.8	kN/m	ASTM D1922
TD : 25.4 μm	251.0	kN/m	ASTM D1922
Optical	Nominal Value	Unit	Test Method
Gloss (60°, 25.4 μm, Blown Film)	65		ASTM D2457
Haze (25.4 μm, Blown Film)	18	%	ASTM D1003
Additional Information			
Blown Film produced on 3.5 in extruder, 30:1 L/D, 8 in Die, 80 mil Die Gap, 2.5:1 BUR, 440°F Melt Temperature.			
NOTE			

1. Blown Film

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