MarFlex® 9607

High Density Polyethylene

Chevron Phillips Chemical Company LLC

Message:

MarFlex®9607 is a high density polyethylene material. This product is available in North America or Latin America. The processing method is: co-extrusion molding or casting film.
MarFlex®The main features of the 9607 are:
odorless/tasteless channel
Good processability
Transparency
Typical application areas include:
Wrapping
packing
Movie

General Information	
Features	Low speed solidification crystal point Workability, good The smell is low to none The smell is low to none Definition, high
Uses	Stretch winding cast film Food packaging
Appearance	Clear/transparent
Forms	Particle
Processing Method	Co-extrusion molding cast film

Physical	Nominal Value	Unit	Test Method
Density	0.962	g/cm³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	6.5	g/10 min	ASTM D1238
Films	**Nominal Value**	**Unit**	**Test Method**
Film Thickness - Tested	32	µm	
secant modulus			ASTM D882
1% secant, MD: 32 µm, cast film	758	MPa	ASTM D882
1% secant, TD: 32 µm, cast film	841	MPa	ASTM D882
Tensile Strength			ASTM D882
MD: Broken, 32 µm, extruded film	29.0	MPa	ASTM D882
TD: Broken, 32 µm, extruded film	23.0	MPa	ASTM D882

Tensile Elongation			ASTM D882
MD: Broken, 32 µm, extruded film	870	%	ASTM D882
TD: Broken, 32 µm, extruded film	790	%	ASTM D882
Water Vapor Transmission Rate (32 µm, Cast Film)	5.0	$g/m^2/24$ hr	ASTM F1249
Dart Drop Test - Cast Film (31.8 µm)	15.4	kN/m	ASTM D1709
Elmendorf Tear Strength [1]			ASTM D1922
MD : 31.8 µm	13.5	kN/m	ASTM D1922
TD : 31.8 µm	38.6	kN/m	ASTM D1922
Optical	Nominal Value	Unit	Test Method
Gloss (60°, 31.8 µm, Cast Film)	120		ASTM D2457
Haze (31.8 µm, Cast Film)	11	%	ASTM D1003
Additional Information			
Testing performed on a cast line at 500°F and a 0.025 in die gap.			
NOTE			
1.	Cast Film		

Recommended distributors for this material

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