

# MarFlex® 5430

Low Density Polyethylene  
Chevron Phillips Chemical Company LLC

Message:

MarFlex® 5430 is a low density polyethylene material. This product is available in North America or Latin America. The processing method is: cast film.  
MarFlex® The main features of the 5430 are:  
Good processability  
beautiful  
Typical application areas include:  
packing  
Movie

General Information			
Features	Optical		
	Workability, good		
Uses	Packaging		
	Films		
Forms	Films		
Processing Method	cast film		
Physical	Nominal Value	Unit	Test Method
Density	0.925	g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	2.2	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Coefficient of Friction	> 1.0		ASTM D1894
Films	Nominal Value	Unit	Test Method
Oxygen Permeability (32 µm)	170	cm <sup>3</sup> · mm/m <sup>2</sup> /atm/24 hr	ASTM D3985
Water Vapor Transmission	14	g/m <sup>2</sup> /24 hr	ASTM E96
Dart Drop Test	30.9	kN/m	ASTM D1709
Elmendorf Tear Strength			ASTM D1922
MD	73.4	kN/m	ASTM D1922
TD	98.5	kN/m	ASTM D1922
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	98.3	°C	ASTM D1525
Melting Temperature	111	°C	DSC
Optical	Nominal Value	Unit	Test Method
Gloss (60°, 31.8 µm)	135		ASTM D2457
Haze (31.8 µm)	4.0	%	ASTM D1003
Additional Information			
Nominal Cast Film Properties at 1.25 milProcess Aid: NoneAntiblock: NoneSlip: None			

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