

MarFlex® 4517

Low Density Polyethylene

Chevron Phillips Chemical Company LLC

Message:

MarFlex® 4517 is a Low Density Polyethylene material. It is available in Latin America or North America for extrusion coating.

Important attributes of MarFlex® 4517 are:

Good Processability

Good Sealability

Kosher Approved

Typical applications include:

Coating Applications

Packaging

General Information			
Features	Good Heat Seal		
	Good Processability		
	Kosher Approved		
Uses	Coating Applications		
	Packaging		
	Thin Coatings		
Appearance	Translucent		
Forms	Pellets		
Processing Method	Extrusion Coating		
Physical	Nominal Value	Unit	Test Method
Density	0.923	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	5.1	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
Oxygen Transmission Rate	7200	cm ³ /m ² /24 hr	ASTM D3985
Water Vapor Transmission Rate (25 µm)	18	g · mm/m ² /atm/24 hr	ASTM F1249
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	100	°C	ASTM D1525
Melting Temperature	108	°C	DSC

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