

MarFlex® 1023

Low Density Polyethylene
Chevron Phillips Chemical Company LLC

Message:

MarFlex® 1023 is a Low Density Polyethylene material. It is available in Latin America or North America for extrusion coating.
Important attributes of MarFlex® 1023 are:
Food Contact Acceptable
Good Adhesion
Good Processability
Slip
Typical applications include:
Coating Applications
Packaging
Food Contact Applications

General Information			
Additive	Slip (1500 ppm)		
Features	Food Contact Acceptable		
	Good Adhesion		
	Good Drawdown		
	Good Processability		
	High Slip		
	Low Friction		
	Low Neck-In		
Uses	Coating Applications		
	Food Packaging		
	Laminates		
	Packaging		
	Paper Coatings		
Agency Ratings	FDA Unspecified Rating		
Appearance	Natural Color		
Forms	Pellets		
Processing Method	Extrusion Coating		
Physical	Nominal Value	Unit	Test Method
Density	0.917	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	13	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Coefficient of Friction			ASTM D1894
-- 1	0.25		
-- 2	0.10		

Films	Nominal Value	Unit	Test Method
Oxygen Transmission Rate (25 µm)	7600	cm ³ /m ² /24 hr	ASTM D3985
Water Vapor Transmission Rate (25 µm)	24	g/m ² /24 hr	ASTM F1249
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	87.0	°C	ASTM D1525
Melting Temperature	102	°C	DSC
Extrusion	Nominal Value	Unit	Test Method
Melt Temperature	299 to 327	°C	
NOTE			
1.	Metal		
2.	Poly Coated Paper		

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