

Chevron Phillips MarFlex® 5335 Low Density Polyethylene, Blown Film

Category : Polymer , Film , Thermoplastic , Polyethylene (PE) , LDPE , Low Density Polyethylene (LDPE), Film Grade

Material Notes:

This LDPE is tailored for blown film applications that require: Good processability Low coefficient of friction Good openability Good sealability Typical blown film applications include: Institutional packaging Food packaging Converter films Information provided by Chevron Phillips Chemical Company LP.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Chevron-Phillips-MarFlex-5335-Low-Density-Polyethylene-Blown-Film.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.926 g/cc	0.926 g/cc	ASTM D1505
Water Vapor Transmission	1.03 g/m ² /day	0.0663 g/100 in ² /day	ASTM F1249
Oxygen Transmission Rate	4900 cc/m ² /day	316 cc/100 in ² /day	ASTM D3985
Melt Flow	2.0 g/10 min @Load 2.16 kg, Temperature 190 °C	2.0 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238
Antiblock Level	2750 ppm	2750 ppm	
Slip Level	750 ppm	750 ppm	

Mechanical Properties	Metric	English	Comments
Coefficient of Friction	0.12	0.12	ASTM D1894
Elmendorf Tear Strength, MD	8.86 g/micron	225 g/mil	ASTM D1922
Elmendorf Tear Strength, TD	6.89 g/micron	175 g/mil	ASTM D1922
Dart Drop	2.95 g/micron	75.0 g/mil	ASTM D1709

Optical Properties	Metric	English	Comments
Haze	7.0 %	7.0 %	ASTM D1003
Gloss	115 %	115 %	at 60°; ASTM D523

Processing Properties	Metric	English	Comments
Blow-up Ratio (BUR)	2.5	2.5	

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