

Chevron Phillips MarFlex® 5628 LDPE Blown Film Resin

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

Material Notes:

Resin Type: HomopolymerCharacteristics: Superior tensile and impact strengthGood abrasion and tear resistanceExcellent retention of properties after agingApplications: LaminationsPallet shrinkcase shrink wrapHeavy duty packagingC&A film and container linersInformation provided by Chevron Phillips.

Order this product through the following link:
http://www.lookpolymers.com/polymer_Chevron-Phillips-MarFlex-5628-LDPE-Blown-Film-Resin.php

Physical Properties	Metric	English	Comments
Density	0.922 g/cc	0.0333 lb/in³	ASTM D1505
Thickness	76.2 microns	3.00 mil	
Melt Index of Compound	0.40 g/10 min	0.40 g/10 min	ASTM D1238E

Mechanical Properties	Metric	English	Comments
Secant Modulus, MD	0.165 GPa	23.9 ksi	ASTM D882
Secant Modulus, TD	0.179 GPa	26.0 ksi	ASTM D882
Coefficient of Friction	0.50	0.50	ASTM D1894
Dart Drop	3.94 g/micron	100 g/mil	2" Dart, 60" Drop Height; ASTM D1709

Optical Properties	Metric	English	Comments
Haze	7.0 %	7.0 %	ASTM D1003
Gloss	57 %	57 %	45°; ASTM D2457
	90 %	90 %	60°; ASTM D2457

Processing Properties	Metric	English	Comments
Melt Temperature	210 °C	410 °F	
Die Opening	0.0762 cm	0.0300 in	
Extruder Size	6.35 cm	2.50 in	
Blow-up Ratio (BUR)	3.0	3.0	

Descriptive Properties	Value	Comments
Antiblock	Low	

Descriptive Properties	Value	Comments
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Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China