

## Chevron Phillips MarFlex® 5428 LDPE Cast Film Resin

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

### Material Notes:

Resin Type: Homopolymer  
 Characteristics: Excellent Openability  
 Suited for high speed converting  
 Good clarity  
 Low COF  
 Applications: Bakery  
 Film  
 Break Bags  
 Information provided by Chevron Phillips.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Chevron-Phillips-MarFlex-5428-LDPE-Cast-Film-Resin.php](http://www.lookpolymers.com/polymer_Chevron-Phillips-MarFlex-5428-LDPE-Cast-Film-Resin.php)

Physical Properties	Metric	English	Comments
Density	0.923 g/cc	0.0333 lb/in <sup>3</sup>	Base Density; ASTM D1505
Thickness	31.8 microns	1.25 mil	
Melt Index of Compound	2.2 g/10 min	2.2 g/10 min	ASTM D1238E

Mechanical Properties	Metric	English	Comments
Secant Modulus, MD	0.159 GPa	23.1 ksi	ASTM D882
Secant Modulus, TD	0.165 GPa	23.9 ksi	ASTM D882
Coefficient of Friction	0.10	0.10	ASTM D1894
Dart Drop	3.12 g/micron	79.2 g/mil	1.5" Dart, 26" Drop Height; ASTM D1709

Optical Properties	Metric	English	Comments
Haze	6.5 %	6.5 %	ASTM D1003
Gloss	75 %	75 %	45°; ASTM D2457
	115 %	115 %	60°; ASTM D2457

Processing Properties	Metric	English	Comments
Melt Temperature	260 °C	500 °F	
Die Opening	0.0635 cm	0.0250 in	
Extruder Size	6.35 cm	2.50 in	

Descriptive Properties	Value	Comments
Antiblock	Very High	
Slip	High	

## **Contact Songhan Plastic Technology Co.,Ltd.**

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