

## Chevron Phillips 5554-D LDPE High Clarity, Medium Impact, Low Slip Film Resin (discontinued \*\*)

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

### Material Notes:

Resin Type: Homopolymer  
Characteristics: Excellent Clarity, Good Impact Strength, Good Sealability, Low Slip  
Applications: Food Packaging, Case Shrink Wrap, Laminations  
Processing Conditions: Extruder 6.35 cm. Screw L/D Ratio 24:1. Die Opening 0.0762 cm. Blow-Up Ratio 2:1.  
Film properties below based on film thickness of 31.8 µm. Data provided by Chevron Chemical.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Chevron-Phillips-5554-D-LDPE-High-Clarity-Medium-Impact-Low-Slip-Film-Resin-nbspdiscontinued-.php](http://www.lookpolymers.com/polymer_Chevron-Phillips-5554-D-LDPE-High-Clarity-Medium-Impact-Low-Slip-Film-Resin-nbspdiscontinued-.php)

Physical Properties	Metric	English	Comments
Density	0.927 g/cc	0.0335 lb/in <sup>3</sup>	ASTM D1505
Melt Flow	1.3 g/10 min	1.3 g/10 min	Condition E; ASTM D 1238

Mechanical Properties	Metric	English	Comments
Secant Modulus, MD	0.210 GPa	30.5 ksi	ASTM D882
Secant Modulus, TD	0.220 GPa	31.9 ksi	ASTM D882
Coefficient of Friction	0.50	0.50	ASTM D1894
Dart Drop	3.10 g/micron	78.7 g/mil	F <sub>&gt;50&lt;/sub&gt;; 1.5 in. dart/26 in. drop height; ASTM D 1709</sub>

Optical Properties	Metric	English	Comments
Haze	4.5 %	4.5 %	ASTM D2457
Gloss	75 %	75 %	at 45°. ASTM D 2457
	120 %	120 %	at 60°. ASTM D 2457
Transmission, Visible	90 %	90 %	clear; thickness not quantified

Processing Properties	Metric	English	Comments
Melt Temperature	204 °C	399 °F	

## Contact Songhan Plastic Technology Co.,Ltd.

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