

## Chevron Phillips 5570 LDPE High Clarity, Medium Impact Film Resin (discontinued \*\*)

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

### Material Notes:

Resin Type: Homopolymer  
Characteristics: Good Optical Properties, Good Impact Strength, Excellent Processability, High Antiblock and Low Slip  
Applications: Baby Bottle Liners  
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-5570-LDPE-High-Clarity-Medium-Impact-Film-Resin-nbspdiscontinued-.php](http://www.lookpolymers.com/polymer_Chevron-Phillips-5570-LDPE-High-Clarity-Medium-Impact-Film-Resin-nbspdiscontinued-.php)

Physical Properties	Metric	English	Comments
Density	0.925 g/cc	0.0334 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	0.230 GPa	33.4 ksi	ASTM D882
Coefficient of Friction	0.70	0.70	ASTM D1894
Dart Drop	2.50 g/micron	63.5 g/mil	F <sub>50</sub> ; 1.5 in. dart/26 in. drop height; ASTM D 1709

Optical Properties	Metric	English	Comments
Haze	6.5 %	6.5 %	ASTM D2457
Gloss	65 %	65 %	at 45°. ASTM D 2457
	105 %	105 %	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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