

## Chevron Phillips 5497 LDPE High Clarity, Bakery Packaging Film Resin (discontinued \*\*)

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. Slip 1000 ppm. Antiblock 10000 ppm.  
Applications: Bakery Film, Bread Bags  
Processing Conditions: Extruder 6.35 cm. Screw L/D Ratio 24:1. Die Opening 0.0762 cm.  
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-5497-LDPE-High-Clarity-Bakery-Packaging-Film-Resin-nbspdiscontinued-.php](http://www.lookpolymers.com/polymer_Chevron-Phillips-5497-LDPE-High-Clarity-Bakery-Packaging-Film-Resin-nbspdiscontinued-.php)

Physical Properties	Metric	English	Comments
Density	0.930 g/cc	0.0336 lb/in <sup>3</sup>	ASTM D1505
Melt Flow	2.2 g/10 min	2.2 g/10 min	Condition E; ASTM D 1238

Mechanical Properties	Metric	English	Comments
Secant Modulus, MD	0.170 GPa	24.7 ksi	ASTM D882
Secant Modulus, TD	0.240 GPa	34.8 ksi	ASTM D882
Coefficient of Friction	0.70	0.70	ASTM D1894
Dart Drop	1.60 g/micron	40.6 g/mil	F <sub>50</sub> ; 1.5 in. dart/26 in. drop height; ASTM D 1709

Optical Properties	Metric	English	Comments
Haze	5.5 %	5.5 %	ASTM D2457
Gloss	66 %	66 %	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	230 °C	446 °F	

## Contact Songhan Plastic Technology Co.,Ltd.

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