

## Chevron Phillips 6120 LLDPE Cast/Blown Film Resin, Butene Copolymer (discontinued \*\*)

Category : Polymer , Film , Thermoplastic , Polyethylene (PE) , LLDPE , Linear Low Density Polyethylene (LLDPE)/Butene, Film

### Material Notes:

Resin Type: Butene Copolymer  
 Characteristics: Good Stiffness at Thin Gauges, Good Optics, Good Drawdown, Can be used straight or blended with LDPE or HDPE, Can be used in blown or cast applications  
 Applications: Stretch Wrap, Coextrusions  
 Processing Conditions: Extruder 6.35 cm. Screw L/D Ratio 24:1. Die Opening 0.1016 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-6120-LLDPE-CastBlown-Film-Resin-Butene-Copolymer-nbspdiscontinued-.php](http://www.lookpolymers.com/polymer_Chevron-Phillips-6120-LLDPE-CastBlown-Film-Resin-Butene-Copolymer-nbspdiscontinued-.php)

Physical Properties	Metric	English	Comments
Density	0.920 g/cc	0.0332 lb/in <sup>3</sup>	ASTM D1505
Melt Flow	2.0 g/10 min	2.0 g/10 min	Condition E; ASTM D 1238

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	650 %	650 %	ASTM D882
Film Elongation at Break, TD	850 %	850 %	ASTM D882
Secant Modulus, MD	0.250 GPa	36.3 ksi	ASTM D882
Secant Modulus, TD	0.270 GPa	39.2 ksi	ASTM D882
Coefficient of Friction	>= 1.0	>= 1.0	ASTM D1894
Elmendorf Tear Strength, MD	3.94 g/micron	100 g/mil	Notched; ASTM D1922
Elmendorf Tear Strength, TD	13.8 g/micron	350 g/mil	ASTM D1922
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
Film Tensile Strength at Break, MD	40.0 MPa	5800 psi	ASTM D882
Film Tensile Strength at Break, TD	40.0 MPa	5800 psi	ASTM D882

Optical Properties	Metric	English	Comments
Haze	2.5 %	2.5 %	ASTM D2457
Gloss	90 %	90 %	at 45°. ASTM D 2457
	140 %	140 %	at 60°. ASTM D 2457

Processing Properties	Metric	English	Comments
Melt Temperature	260 °C	500 °F	

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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