

## Chevron Phillips 7105DKT LLDPE Blown Film Resin, Hexene Copolymer (discontinued \*\*)

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

### Material Notes:

Resin Type: Hexene Copolymer, High Antiblock, Processing Aid Version of 7105T, Cast/Blown Film Resin  
 Characteristics: Good Stiffness at Thin Gauges, Good Drawdown, Can be used straight or blended with LDPE or HDPE  
 Applications: Industrial Liners, Carrier Bags, Coextrusions  
 Processing Conditions: Extruder 6.35 cm. Screw L/D Ratio 24:1. Die Opening 0.1905 cm. Blow-Up Ratio 2:1.  
 Film properties below based on film thickness of 31.8 µm. Antiblock 5000 ppm. Data provided by Chevron Chemical.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Chevron-Phillips-7105DKT-LLDPE-Blown-Film-Resin-Hexene-Copolymer-nbspdiscontinued-.php](http://www.lookpolymers.com/polymer_Chevron-Phillips-7105DKT-LLDPE-Blown-Film-Resin-Hexene-Copolymer-nbspdiscontinued-.php)

Physical Properties	Metric	English	Comments
Density	0.920 g/cc	0.0332 lb/in <sup>3</sup>	ASTM D1505
Melt Flow	0.50 g/10 min	0.50 g/10 min	Condition E; ASTM D 1238

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	500 %	500 %	ASTM D882
Film Elongation at Break, TD	640 %	640 %	ASTM D882
Secant Modulus, MD	0.220 GPa	31.9 ksi	ASTM D882
Secant Modulus, TD	0.270 GPa	39.2 ksi	ASTM D882
Coefficient of Friction	0.70	0.70	ASTM D1894
Elmendorf Tear Strength, MD	11.8 g/micron	300 g/mil	Notched; ASTM D1922
Elmendorf Tear Strength, TD	37.4 g/micron	950 g/mil	ASTM D1922
Dart Drop	5.70 g/micron	145 g/mil	F <sub>50</sub> ; 1.5 in. dart/26 in. drop height; ASTM D 1709
Film Tensile Strength at Break, MD	34.0 MPa	4930 psi	ASTM D882
Film Tensile Strength at Break, TD	34.0 MPa	4930 psi	ASTM D882

Optical Properties	Metric	English	Comments
Haze	11 %	11 %	ASTM D2457
Gloss	99 %	99 %	at 60°. ASTM D 2457

Processing Properties	Metric	English	Comments
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Melt Temperature Processing Properties	230 °C Metric	446 °F English	Comments
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## 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