

## Chevron Phillips 7109DLT 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, Very High Antiblock, Processing Aid Version of 7109T, 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, Garment Bags, 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 6500 ppm. Data provided by Chevron Chemical.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Chevron-Phillips-7109DLT-LLDPE-Blown-Film-Resin-Hexene-Copolymer-nbspdiscontinued-.php](http://www.lookpolymers.com/polymer_Chevron-Phillips-7109DLT-LLDPE-Blown-Film-Resin-Hexene-Copolymer-nbspdiscontinued-.php)

| Physical Properties | Metric        | English       | Comments                 |
|---------------------|---------------|---------------|--------------------------|
| Density             | 0.920 g/cc    | 0.0332 lb/in³ | ASTM D1505               |
| Melt Flow           | 0.90 g/10 min | 0.90 g/10 min | Condition E; ASTM D 1238 |

| Mechanical Properties   | Metric        | English   | Comments                                                     |
|-------------------------|---------------|-----------|--------------------------------------------------------------|
| Coefficient of Friction | 0.75          | 0.75      | ASTM D1894                                                   |
| Dart Drop               | 4.20 g/micron | 107 g/mil | F<sub>50</sub>; 1.5 in. dart/26 in. drop height; ASTM D 1709 |

| Optical Properties | Metric | English | Comments            |
|--------------------|--------|---------|---------------------|
| Haze               | 12 %   | 12 %    | ASTM D2457          |
| Gloss              | 60 %   | 60 %    | at 45°. ASTM D 2457 |
|                    | 100 %  | 100 %   | at 60°. ASTM D 2457 |

| Processing Properties | Metric | English | Comments |
|-----------------------|--------|---------|----------|
| Melt Temperature      | 220 °C | 428 °F  |          |

## Contact Songhan Plastic Technology Co.,Ltd.

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