

Chevron Phillips 7109DT 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, No Slip, No Antiblock Version of 7109T with Process Aid, 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. Data provided by Chevron Chemical.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Chevron-Phillips-7109DT-LLDPE-Blown-Film-Resin-Hexene-Copolymer-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	0.920 g/cc	0.0332 lb/in ³	ASTM D1505
Melt Flow	0.90 g/10 min	0.90 g/10 min	Condition E; ASTM D 1238

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	560 %	560 %	ASTM D882
Film Elongation at Break, TD	770 %	770 %	ASTM D882
Secant Modulus, MD	0.250 GPa	36.3 ksi	ASTM D882
Secant Modulus, TD	0.310 GPa	45.0 ksi	ASTM D882
Coefficient of Friction	1.0	1.0	ASTM D1894
Elmendorf Tear Strength, MD	16.5 g/micron	420 g/mil	Notched; ASTM D1922
Elmendorf Tear Strength, TD	33.1 g/micron	840 g/mil	ASTM D1922
Dart Drop	4.70 g/micron	119 g/mil	F ₅₀ ; 1.5 in. dart/26 in. drop height; ASTM D 1709
Film Tensile Strength at Break, MD	53.0 MPa	7690 psi	ASTM D882
Film Tensile Strength at Break, TD	53.0 MPa	7690 psi	ASTM D882

Optical Properties	Metric	English	Comments
Haze	11 %	11 %	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.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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