

Chevron Phillips 7120T LLDPE Cast/Blown 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
Characteristics: Good Stiffness at Thin Gauges, Good Drawdown, Can be used straight or blended with LDPE or HDPE
Applications: Stretch Wrap, Coextrusions
Processing Conditions: Extruder 6.35 cm. Screw L/D Ratio 24:1. Die Opening 0.064 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-7120T-LLDPE-CastBlown-Resin-Hexene-Copolymer-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	0.920 g/cc	0.0332 lb/in ³	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	560 %	560 %	ASTM D882
Film Elongation at Break, TD	720 %	720 %	ASTM D882
Secant Modulus, MD	0.220 GPa	31.9 ksi	ASTM D882
Secant Modulus, TD	0.220 GPa	31.9 ksi	ASTM D882
Elmendorf Tear Strength, MD	17.7 g/micron	450 g/mil	Notched; ASTM D1922
Elmendorf Tear Strength, TD	28.3 g/micron	720 g/mil	ASTM D1922
Dart Drop	3.80 g/micron	96.5 g/mil	F _{>50} ; 1.5 in. dart/26 in. drop height; ASTM D 1709
Film Tensile Strength at Break, MD	46.0 MPa	6670 psi	ASTM D882
Film Tensile Strength at Break, TD	46.0 MPa	6670 psi	ASTM D882

Optical Properties	Metric	English	Comments
Haze	3.5 %	3.5 %	ASTM D2457
Gloss	136 %	136 %	at 60°. ASTM D 2457

Processing Properties	Metric	English	Comments
Melt Temperature	270 °C	518 °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