

Chevron Phillips 7120ST 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, Cast/Blown Film Resin Characteristics: Good Drawdown, 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 0.064

cm. Film properties below based on film thickness of 20 µm. Data provided by Chevron Chemical.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Chevron-Phillips-7120ST-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	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	550 %	550 %	ASTM D882
Film Elongation at Break, TD	850 %	850 %	ASTM D882
Secant Modulus, MD	0.130 GPa	18.9 ksi	ASTM D882
Secant Modulus, TD	0.130 GPa	18.9 ksi	ASTM D882
Film Tensile Strength at Break, MD	50.0 MPa	7250 psi	ASTM D882
Film Tensile Strength at Break, TD	50.0 MPa	7250 psi	ASTM D882

Optical Properties	Metric	English	Comments
Haze	2.0 %	2.0 %	ASTM D2457
Gloss	90 %	90 %	at 45°. ASTM D 2457
	150 %	150 %	at 60°. ASTM D 2457

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

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