

Chevron Phillips 6335 LLDPE Cast/Blown Film Resin, Butene Copolymer (discontinued **)

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

Material Notes:

Resin Type: Butene Copolymer
 Characteristics: Good Optics, Good Drawdown, Can be used straight or blended with LDPE or HDPE, Can be used in blown or cast applications
 Applications: Bakery Films, Coextrusions
 Processing Conditions: Extruder 6.35 cm. Screw L/D Ratio 24:1. Die Opening 0.1016 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-6335-LLDPE-CastBlown-Film-Resin-Butene-Copolymer-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	0.925 g/cc	0.0334 lb/in ³	ASTM D1505
Melt Flow	3.5 g/10 min	3.5 g/10 min	Condition E; ASTM D 1238

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	520 %	520 %	ASTM D882
Film Elongation at Break, TD	740 %	740 %	ASTM D882
Secant Modulus, MD	0.200 GPa	29.0 ksi	ASTM D882
Secant Modulus, TD	0.220 GPa	31.9 ksi	ASTM D882
Coefficient of Friction	>= 1.0	>= 1.0	ASTM D1894
Elmendorf Tear Strength, MD	2.36 g/micron	60.0 g/mil	Notched; ASTM D1922
Elmendorf Tear Strength, TD	15.0 g/micron	380 g/mil	ASTM D1922
Dart Drop	1.90 g/micron	48.3 g/mil	F ₅₀ ; 1.5 in. dart/26 in. drop height; ASTM D 1709
Film Tensile Strength at Break, MD	32.0 MPa	4640 psi	ASTM D882
Film Tensile Strength at Break, TD	32.0 MPa	4640 psi	ASTM D882

Optical Properties	Metric	English	Comments
Haze	4.0 %	4.0 %	ASTM D2457
Gloss	90 %	90 %	at 45°. ASTM D 2457
	140 %	140 %	at 60°. ASTM D 2457

Processing Properties	Metric	English	Comments
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Melt Temperature
Processing Properties

260 °C
Metric

500 °F
English

Comments

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