

Chevron Phillips 2118 Liner Grade Film Resin (discontinued **)

Category : Polymer , Film , Thermoplastic , Polyethylene (PE) , LDPE , Low Density Polyethylene (LDPE), Liner Grade

Material Notes:

Resin Type: Homopolymer Characteristics: High Impact Strength, Good Heat Seal Characteristics, Good Processability, Low

Gels Applications: Trash bags and other liners Processing Conditions: Extruder 6.35 cm. Screw L/D Ratio 24:1. Die Opening 0.0762 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-2118-Liner-Grade-Film-Resin-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	0.922 g/cc	0.0333 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
Secant Modulus, MD	0.160 GPa	23.2 ksi	ASTM D882
Secant Modulus, TD	0.180 GPa	26.1 ksi	ASTM D882
Coefficient of Friction	0.50	0.50	ASTM D1894
Dart Drop	2.20 g/micron	55.9 g/mil	F ₅₀ ; 1.5 in. dart/26 in. drop height; ASTM D 1709

Optical Properties	Metric	English	Comments
Haze	11 %	11 %	ASTM D2457
Gloss	54 %	54 %	at 45°. ASTM D 2457
	75 %	75 %	at 60°. ASTM D 2457

Processing Properties	Metric	English	Comments
Melt Temperature	204 °C	399 °F	

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