

Chevron Phillips 2151 High Impact, 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, Medium Slip, High Antiblock, Low Blocking and Good Openability, Good Processability
 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-2151-High-Impact-Liner-Grade-Film-Resin-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	0.925 g/cc	0.0334 lb/in ³	ASTM D1505
Melt Flow	1.2 g/10 min	1.2 g/10 min	Condition E; ASTM D 1238

Mechanical Properties	Metric	English	Comments
Secant Modulus, MD	0.170 GPa	24.7 ksi	ASTM D882
Secant Modulus, TD	0.200 GPa	29.0 ksi	ASTM D882
Coefficient of Friction	0.10	0.10	ASTM D1894
Dart Drop	3.30 g/micron	83.8 g/mil	F ₅₀ ; 1.5 in. dart/26 in. drop height; ASTM D 1709

Optical Properties	Metric	English	Comments
Haze	15 %	15 %	ASTM D2457
Gloss	39 %	39 %	at 45°. ASTM D 2457
	60 %	60 %	at 60°. ASTM D 2457

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

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