

Chevron Phillips MarFlex® 5355 LDPE Industrial Clarity, General Purpose Film Resin (discontinued **)

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

Material Notes:

Resin Type: Homopolymer
Characteristics: Suited for High Speed Converting, Good Impact Strength, Excellent Processability, Good Sealability, Good Openability
Applications: Institutional Packaging, Food Packaging
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-MarFlex-5355-LDPE-Industrial-Clarity-General-Purpose-Film-Resin-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	0.926 g/cc	0.0335 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	0.220 GPa	31.9 ksi	ASTM D882
Secant Modulus, TD	0.250 GPa	36.3 ksi	ASTM D882
Coefficient of Friction	0.12	0.12	ASTM D1894
Dart Drop	2.00 g/micron	50.8 g/mil	F ₅₀ ; 1.5 in. dart/26 in. drop height; ASTM D 1709

Optical Properties	Metric	English	Comments
Haze	5.5 %	5.5 %	ASTM D2457
Gloss	66 %	66 %	at 45°. ASTM D 2457
	105 %	105 %	at 60°. ASTM D 2457
Transmission, Visible	90 %	90 %	clear; thickness not quantified

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

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