

Chevron Phillips mPact™ D352 m-LLDPE Linear Low Density Polyethylene (discontinued **)

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

Material Notes:

Low Density Polyethylene Customer Benefits: This metallocene LLDPE film resin provides increased modulus over most LLDPE's while retaining excellent clarity and good toughness. Applications: Industrial packaging Property Comments: LLDPE line, 2.5:1 BUR, .08" diegap, 8" die, 56" FLH, 250 lbs/hr, 400°F Data provided by Chevron Phillips Chemical Company LP.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Chevron-Phillips-mPact-D352-m-LLDPE-Linear-Low-Density-Polyethylene-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	0.928 g/cc	0.0335 lb/in ³	ASTM D1505
Melt Flow	1.0 g/10 min	1.0 g/10 min	Condition 190/2.16; ASTM D1238

Mechanical Properties	Metric	English	Comments
Secant Modulus, MD	0.360 GPa	52.2 ksi	at 1%; ASTM D882
Secant Modulus, TD	0.400 GPa	58.0 ksi	at 1%; ASTM D882
Coefficient of Friction, Dynamic	0.60	0.60	ASTM D1894
Coefficient of Friction, Static	0.70	0.70	ASTM D1894
Elmendorf Tear Strength MD	80 g	80 g	ASTM D1922
Elmendorf Tear Strength TD	350 g	350 g	ASTM D1922
Dart Drop Test	140 g	0.309 lb	26 in; ASTM D1709

Optical Properties	Metric	English	Comments
Haze	6.0 %	6.0 %	ASTM D1003
Gloss	68 %	68 %	45°; ASTM D2457

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