

Chevron Phillips MarFlex® D143 m-LLDPE Linear Low Density Polyethylene
Category : Polymer , Film , Thermoplastic , Polyethylene (PE) , LLDPE , Linear Low Density Polyethylene (LLDPE), Film Grade

Material Notes:

Low Density PolyethyleneCustomer Benefits: This metallocene LLDPE film resin possesses the typical physical properties of metallocene polyethylenes with the added potential benefit of improved processability (bubble stability, down gauging, and melt fracture resistance). Has a puncture value of 21 kg as per ASTM D3763. Applications: Food packaging, can linersProperty Comments: LLDPE line, 2.5:1 BUR, .08" diegap, 8" die, 56" FLH, 250 lbs/hr, 400°FData provided by Chevron Phillips Chemical Company LP.

Order this product through the following link:
http://www.lookpolymers.com/polymer_Chevron-Phillips-MarFlex-D143-m-LLDPE-Linear-Low-Density-Polyethylene.php

Physical Properties	Metric	English	Comments
Density	0.916 g/cc	0.0331 lb/in³	ASTM D1505
Melt Flow	1.3 g/10 min	1.3 g/10 min	Condition 190/2.16; ASTM D1238

Mechanical Properties	Metric	English	Comments
Film Tensile Strength at Yield, MD	8.00 MPa	1160 psi	2 in per min; ASTM D882
Film Tensile Strength at Yield, TD	8.00 MPa	1160 psi	2 in per min; ASTM D882
Film Elongation at Break, MD	500 %	500 %	2 in per min; ASTM D882
Film Elongation at Break, TD	600 %	600 %	2 in per min; ASTM D882
Coefficient of Friction, Dynamic	0.70	0.70	ASTM D1894
Coefficient of Friction, Static	1.0	1.0	ASTM D1894
Elmendorf Tear Strength MD	225 g	225 g	ASTM D1922
Elmendorf Tear Strength TD	375 g	375 g	ASTM D1922
Dart Drop Test	>= 1100 g	>= 2.43 lb	26 in; ASTM D1709
Film Tensile Strength at Break, MD	34.0 MPa	4930 psi	2 in per min; ASTM D882
Film Tensile Strength at Break, TD	31.0 MPa	4500 psi	2 in per min; ASTM D882

Optical Properties	Metric	English	Comments
Haze	5.0 %	5.0 %	ASTM D1003

Descriptive Properties	Value	Comments
Process	Film	

Region Descriptive Properties	Mexico Value	Ramberger Polymers Distribution Comments
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