

## Chevron Phillips mPact™ D143SA 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 possesses the typical physical properties of metallocene polyethylenes with the added potential benefit of improved processability (bubble stability, down gauging, and melt fracture resistance).

Applications: Can liners, general purpose packaging, S/A 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-D143SA-m-LLDPE-Linear-Low-Density-Polyethylene-nbspdiscontinued-.php](http://www.lookpolymers.com/polymer_Chevron-Phillips-mPact-D143SA-m-LLDPE-Linear-Low-Density-Polyethylene-nbspdiscontinued-.php)

Physical Properties	Metric	English	Comments
Density	0.916 g/cc	0.0331 lb/in <sup>3</sup>	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
Secant Modulus, MD	0.150 GPa	21.8 ksi	at 1%; ASTM D882
Secant Modulus, TD	0.170 GPa	24.7 ksi	at 1%; ASTM D882
Coefficient of Friction, Dynamic	0.20	0.20	ASTM D1894
Coefficient of Friction, Static	0.17	0.17	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	650 g	1.43 lb	26 in; ASTM D1709

Optical Properties	Metric	English	Comments
Haze	14 %	14 %	ASTM D1003

## Contact Songhan Plastic Technology Co.,Ltd.

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