

M. Holland Company MAGMA® LM115-B LLDPE (discontinued **)

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

Material Notes:

Features: Good Heat Seal, Good Tear Strength, Good ToughnessUses: BlendingProcessing Method: ExtrusionInformation provided by M. Holland.

Order this product through the following link:

http://www.lookpolymers.com/polymer_M-Holland-Company-MAGMA-LM115-B-LLDPE-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	0.918 g/cc	0.0332 lb/in³	ASTM D1505
Thickness	31.8 microns	1.25 mil	
Melt Flow	0.90 g/10 min	0.90 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	500 %	500 %	ASTM D882
Film Elongation at Break, TD	600 %	600 %	ASTM D882
Elmendorf Tear Strength MD	260 g	260 g	ASTM D1922
Elmendorf Tear Strength TD	490 g	490 g	ASTM D1922
Dart Drop Test	830 g	1.83 lb	ASTM D1709
Film Tensile Strength at Break, MD	34.5 MPa	5000 psi	ASTM D882
Film Tensile Strength at Break, TD	27.6 MPa	4000 psi	ASTM D882

Thermal Properties	Metric	English	Comments
Melting Point	120 °C	248 °F	

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

Processing Properties	Metric	English	Comments
Feed Temperature	<= 149 °C	<= 300 °F	
Zone 1	149 °C	300 °F	
Melt Temperature	182 - 232 °C	360 - 450 °F	

Die Opening Processing Properties	0.0810 - 0.254 cm Metric	0.0319 - 0.100 in English	Comments
Blow-up Ratio (BUR)	1.5 - 3.0	1.5 - 3.0	

Descriptive Properties	Value	Comments
Form	Pellets	

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