

**M. Holland Company MAGMA® LL1091 LLDPE (discontinued \*\*)**

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

**Material Notes:**

Features: Good Heat Seal, Good ToughnessUses: PackagingProcessing Method: ExtrusionInformation provided by M. Holland.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_M-Holland-Company-MAGMA-LL1091-LLDPE-nbspdiscontinued-.php](http://www.lookpolymers.com/polymer_M-Holland-Company-MAGMA-LL1091-LLDPE-nbspdiscontinued-.php)

Physical Properties	Metric	English	Comments
Density	0.918 g/cc	0.0332 lb/in <sup>3</sup>	ASTM D1505
Thickness	25.4 microns	1.00 mil	
Melt Flow	1.0 g/10 min	1.0 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	590 g	590 g	ASTM D1922
Dart Drop Test	530 g	1.17 lb	ASTM D1709
Film Tensile Strength at Break, MD	41.4 MPa	6000 psi	ASTM D882
Film Tensile Strength at Break, TD	34.5 MPa	5000 psi	ASTM D882

Thermal Properties	Metric	English	Comments
Melting Point	124 °C	255 °F	

Optical Properties	Metric	English	Comments
Haze	9.0 %	9.0 %	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	0.0810 - 0.254 cm	0.0319 - 0.100 in	

Blow-up Ratio (BUR) Processing Properties	1.5 - 3.0 Metric	1.5 - 3.0 English	Comments
Descriptive Properties		Value	Comments
Form		Pellets	

## Contact Songhan Plastic Technology Co.,Ltd.

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