

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

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

Material Notes:Additives: Medium Antiblock, Medium Slip
Features: Good Heat Seal, Good Processability, Good Tear Strength, Good Toughness
Processing Method: Extrusion
Information provided by M. Holland.

Order this product through the following link:

http://www.lookpolymers.com/polymer_M-Holland-Company-MAGMA-LL1091-AS-LLDPE-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	0.919 g/cc	0.0332 lb/in ³	ASTM D1505
Thickness	31.8 microns	1.25 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	590 %	590 %	ASTM D882
Film Elongation at Break, TD	700 %	700 %	ASTM D882
Elmendorf Tear Strength MD	540 g	540 g	ASTM D1922
Elmendorf Tear Strength TD	720 g	720 g	ASTM D1922
Dart Drop Test	>= 575 g	>= 1.27 lb	ASTM D1709
Film Tensile Strength at Break, MD	50.7 MPa	7350 psi	ASTM D882
Film Tensile Strength at Break, TD	41.1 MPa	5960 psi	ASTM D882

Thermal Properties	Metric	English	Comments
Melting Point	121 °C	250 °F	

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)	1.5 - 3.0	1.5 - 3.0	

Descriptive Properties	Value	Comments
Form	Pellets	

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