

**M. Holland Company LL102 LLDPE (discontinued \*\*)**

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

**Material Notes:**

Additives: Medium Antiblock, Medium Slip  
 Features: Medium Antiblocking, Butene Comonomer, Copolymer, Good Drawdown, Good Processability, Medium Slip  
 Uses: Film, Liners  
 Approvals: FDA 21 CFR 177.1520(c) 2.3  
 Processing Method: Blown Film  
 Information provided by M. Holland.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_M-Holland-Company-LL102-LLDPE-nbspdiscontinued-.php](http://www.lookpolymers.com/polymer_M-Holland-Company-LL102-LLDPE-nbspdiscontinued-.php)

Physical Properties	Metric	English	Comments
Density	0.920 g/cc	0.0332 lb/in <sup>3</sup>	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	440 %	440 %	ASTM D882
Film Elongation at Break, TD	580 %	580 %	ASTM D882
Secant Modulus, MD	0.255 GPa	37.0 ksi	1% Strain; ASTM D882
Secant Modulus, TD	0.317 GPa	46.0 ksi	1% Strain; ASTM D882
Coefficient of Friction	0.13	0.13	ASTM D1894
Dart Drop Test	130 g	0.287 lb	ASTM D1709
Film Tensile Strength at Break, MD	29.6 MPa	4300 psi	ASTM D882
Film Tensile Strength at Break, TD	20.0 MPa	2900 psi	ASTM D882

Processing Properties	Metric	English	Comments
Melt Temperature	182 - 221 °C	360 - 430 °F	
Blow-up Ratio (BUR)	1.5 - 2.5	1.5 - 2.5	

Descriptive Properties	Value	Comments
Form	Pellets	

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