

M. Holland Company LL106 LLDPE (discontinued **)

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

Material Notes:

Additives: Antiblock, SlipFeatures: Unspecified Antiblocking, Hexane Comonomer, Copolymer, Good Drawdown, Good Processability, Unspecified SlipUses: Film, LinersApprovals: FDA 21 CFR 177.1520(c) 2.2 and FDA 21 CFR 176.170, Table 2, Cond. B, D, E, F, G and HProcessing Method: Blown FilmInformation provided by M. Holland.

Order this product through the following link:
http://www.lookpolymers.com/polymer_M-Holland-Company-LL106-LLDPE-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	0.920 g/cc	0.0332 lb/in³	ASTM D1505
Thickness	31.8 microns	1.25 mil	
Melt Flow	0.90 g/10 min @Load 2.16 kg, Temperature 190 °C	0.90 g/10 min @Load 4.76 lb, Temperature 374 °F	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
Elmendorf Tear Strength MD	400 g	400 g	ASTM D1922
Elmendorf Tear Strength TD	910 g	910 g	ASTM D1922
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
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Descriptive Properties	Value ¹⁹	Comments
Form	Pellets	
Slip	Various	

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