

M. Holland Company LD500 LDPE (discontinued **)

Category : Polymer , Thermoplastic , Polyethylene (PE) , LDPE , Low Density Polyethylene (LDPE), Molded

Material Notes:

Features: High Clarity, High Flow, Narrow Molecular Wt. Dist., Good Processability, Warp Resistant
Uses: Drink Lids
Approvals: FDA 21 CFR 177.1520(c) 2.2 and ASTM D 1248, I, Class A, Cat. 1
Processing Method: Injection Molding
Information provided by M. Holland.

Order this product through the following link:

http://www.lookpolymers.com/polymer_M-Holland-Company-LD500-LDPE-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	0.920 g/cc	0.0332 lb/in ³	ASTM D1505
Melt Flow	24 g/10 min @Load 2.16 kg, Temperature 190 °C	24 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	48	48	ASTM D2240
Tensile Strength, Yield	10.3 MPa	1500 psi	ASTM D638
Elongation at Break	300 %	300 %	ASTM D638
Flexural Modulus	0.248 GPa	36.0 ksi	1% Secant; ASTM D790
	0.262 GPa	38.0 ksi	3% Tangent; ASTM D790

Thermal Properties	Metric	English	Comments
Brittleness Temperature	-38.0 °C	-36.4 °F	ASTM D746

Descriptive Properties	Value	Comments
Form	Pellets	

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