

MTEGRITY™ LDPE LD500

Low Density Polyethylene

M. Holland Company

Message:

MTEGRITY™ LDPE LD500 is a Low Density Polyethylene product. It can be processed by injection molding and is available in North America. Typical application: Caps/Lids/Closures.
Characteristics include:
Good Processability
High Flow
Warp Resistant

General Information			
Features	Good Processability		
	High Flow		
	Warp Resistant		
Uses	Caps		
	Lids		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.923	g/cm³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	25	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	49		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	11.0	MPa	ASTM D638
Tensile Elongation (Break)	130	%	ASTM D638
Flexural Modulus	283	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	87.0	°C	ASTM D1525

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