

# MTEGRITY™ LDPE LD300

Low Density Polyethylene

M. Holland Company

## Message:

MTEGRITY™ LDPE LD300 is a Low Density Polyethylene product. It can be processed by injection molding and is available in North America. Applications of MTEGRITY™ LDPE LD300 include caps/lids/closures, electrical/electronic applications and household applications.

Characteristics include:

High ESCR (Stress Crack Resistant)

High Flow

High Strength

General Information			
Features	High ESCR (Stress Crack Resist.)		
	High Flow		
	Low Temperature Strength		
Uses	Closures		
	Electrical Parts		
	Household Goods		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.918	g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	7.0	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	50		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	9.65	MPa	ASTM D638
Tensile Elongation (Break)	470	%	ASTM D638
Flexural Modulus - Secant	165	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	87.8	°C	ASTM D1525

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