

MTEGRITY™ LDPE LD220MM

Low Density Polyethylene

M. Holland Company

Message:

MTEGRITY™ LDPE LD220MM is a Low Density Polyethylene product. It can be processed by blown film and is available in North America. Applications of MTEGRITY™ LDPE LD220MM include bottles and containers.

Characteristics include:

Antiblock

Good Toughness

Slip

General Information			
Additive	Medium Antiblock		
	Medium Slip		
Features	Good Toughness		
	Medium Antiblocking		
	Medium Slip		
Uses	Bottles		
	Containers		
Forms	Pellets		
Processing Method	Blown Film		
Physical	Nominal Value	Unit	Test Method
Density	0.923	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	2.0	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
Secant Modulus			ASTM D882
1% Secant, MD	214	MPa	
1% Secant, TD	255	MPa	
Tensile Strength			ASTM D882
MD : Yield	24.8	MPa	
TD : Yield	21.4	MPa	
Tensile Elongation			ASTM D882
MD : Break	200	%	
TD : Break	600	%	
Dart Drop Impact	100	g	ASTM D1709
Elmendorf Tear Strength			ASTM D1922
MD	350	g	
TD	180	g	

Optical	Nominal Value	Unit	Test Method
Gloss (45°)	75		ASTM D2457
Haze	5.0	%	ASTM D1003

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