

MTEGRITY™ LDPE LD220AA

Low Density Polyethylene

M. Holland Company

Message:

Low Density Polyethylene
Good Toughness
Blown Film
Containers and Bottles

General Information			
Features	Low density		
	Good toughness		
Uses	Blown Film		
	Bottle		
	Container		
Forms	Particle		
Processing Method	Blow 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	ASTM D882
1% secant, TD	255	MPa	ASTM D882
Tensile Strength			ASTM D882
MD: Yield	24.8	MPa	ASTM D882
TD: Yield	21.4	MPa	ASTM D882
Tensile Elongation			ASTM D882
MD: Fracture	200	%	ASTM D882
TD: Fracture	550	%	ASTM D882
Dart Drop Impact	100	g	ASTM D1709A
Elmendorf Tear Strength			ASTM D1922
MD	350	g	ASTM D1922
TD	180	g	ASTM D1922
Optical	Nominal Value	Unit	Test Method
Gloss (45°)	75		ASTM D2457
Haze	5.0	%	ASTM D1003

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