

MTEGRITY™ LLDPE LL204AA

Linear Low Density Polyethylene

M. Holland Company

Message:

Linear Low Density Polyethylene
Toughness and Strength
Process Stabilizer
Cast Films
Blending

General Information			
Additive	Processing stabilizer		
Features	Low density		
	Good strength		
	Good toughness		
Uses	Mixing		
	cast film		
Forms	Particle		
Processing Method	cast film		
Physical	Nominal Value	Unit	Test Method
Density	0.918	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	179	MPa	ASTM D882
1% secant, TD	193	MPa	ASTM D882
Tensile Strength			ASTM D882
MD: Yield	9.65	MPa	ASTM D882
TD: Yield	8.96	MPa	ASTM D882
MD: Fracture	29.6	MPa	ASTM D882
TD: Fracture	24.8	MPa	ASTM D882
Tensile Elongation			ASTM D882
MD: Fracture	690	%	ASTM D882
TD: Fracture	740	%	ASTM D882
Dart Drop Impact	110	g	ASTM D1709
Elmendorf Tear Strength			ASTM D1922
MD	140	g	ASTM D1922
TD	410	g	ASTM D1922
Optical	Nominal Value	Unit	Test Method

Gloss (45°)	50		ASTM D2457
Haze	14	%	ASTM D1003

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