

# HIFOR® LF1010AA

Linear Low Density Polyethylene  
Westlake Chemical Corporation

## Message:

Westlake LF1010AA is a butene LLDPE with excellent mechanical and downgauging advantages. This Kosher compliant product contains zero slip and antiblock, and is suitable for can liners, agricultural film, shrink film, and blending with LDPE.

Application/Uses  
Agricultural films  
Trash bags  
Shrink films

General Information			
Features	Kosher certification		
	Butene comonomer		
Uses	Films		
	Lining		
	Bags		
	Mixing		
	Agricultural application		
	Shrinkable film		
Agency Ratings	FDA not rated		
Physical	Nominal Value	Unit	Test Method
Density	0.922	g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.80	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
Film Thickness - Tested	25	µm	
secant modulus			ASTM D882
1% secant, MD: 25 µm, blown film	228	MPa	ASTM D882
1% secant, TD: 25 µm, blown film	269	MPa	ASTM D882
Tensile Strength			ASTM D882
MD: Broken, 25 µm, blown film	42.7	MPa	ASTM D882
TD: Broken, 25 µm, blown film	27.6	MPa	ASTM D882
Tensile Elongation			ASTM D882
MD: Broken, 25 µm, blown film	900	%	ASTM D882
TD: Broken, 25 µm, blown film	1100	%	ASTM D882
Dart Drop Impact (25 µm, Blown Film)	100	g	ASTM D1709
Optical	Nominal Value	Unit	Test Method
Haze (25.4 µm, Blown Film)	8.0	%	ASTM D1003
Additional Information			

Test specimens for blown film: nominal thickness 1.0 mils fabricated at 2.5:1 BUR.

Extrusion	Nominal Value	Unit
Melt Temperature	210 - 221	°C

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#### Recommended distributors for this material

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