

# PRIMALENE WPP692

Linear Low Density Polyethylene  
Southern Polymer, Inc.

Message:

A butene linear low density polyethylene  
Applications: - Agricultural film  
Barrier food packaging  
Blown film  
Bread and produce bags  
Form fill and seal packaging  
Freezer film  
Garment film  
General packaging  
Heavy duty bags  
Ice bags  
Industrial liners and packaging  
Lamination film  
Liners  
Multilayer packaging film  
Refuse bags  
Stand up pouches  
Trash bags  
Features:  
Good drawdown  
Good tensile and toughness properties  
Slip: zero  
Antiblock: zero  
Processing Aid

General Information	
Additive	Processing Aid
Features	Butene Comonomer
	Good Drawdown
	Good Processability
	Good Toughness
	Low Density
Uses	Agricultural Applications
	Bags
	Blown Film
	Consumer Applications
	Food Packaging
	Heavy-duty Bags
	Industrial Applications
	Laminates
	Liners
	Multilayer Film
	Non-specific Food Applications

## Packaging

Physical	Nominal Value	Unit	Test Method
Density	0.918	g/cm <sup>3</sup>	
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	1.0	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
Secant Modulus			ASTM D882
1% Secant, MD	193	MPa	
1% Secant, TD	223	MPa	
Tensile Strength			ASTM D882
MD : Yield	9.38	MPa	
TD : Yield	9.51	MPa	
MD : Break	53.2	MPa	
TD : Break	35.3	MPa	
Tensile Elongation			ASTM D882
MD : Break	580	%	
TD : Break	850	%	
Dart Drop Impact	100	g	ASTM D1709
Elmendorf Tear Strength			ASTM D1922
MD	80	g	
TD	400	g	
Thermal	Nominal Value	Unit	
Peak Melting Temperature	121	°C	
Optical	Nominal Value	Unit	Test Method
Gloss (45°)	45		ASTM D2457
Haze	15	%	ASTM D1003

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### Recommended distributors for this material

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