

# PRIMALENE WPP691M-08

Metallocene Linear Low Density Polyethylene  
Southern Polymer, Inc.

Message:

A metallocene linear low density polyethylene  
Applications: - Seal layer in coextrusions  
Heavy duty packaging  
Clarity packaging  
Features:  
Excellent clarity  
Excellent gloss  
Excellent toughness  
Excellent heat seal  
Processing aid  
Slip: zero  
Antiblock: zero

General Information			
Additive	Processing Aid		
Features	Good Heat Seal		
	Good Processability		
	Good Toughness		
	High Clarity		
	Low Density		
Uses	Packaging		
	Seals		
Physical	Nominal Value	Unit	Test Method
Density	0.914	g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	1.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Coefficient of Friction	> 1.0		ASTM D1894
Films	Nominal Value	Unit	Test Method
Film Thickness - Tested	25	µm	ASTM D882
Secant Modulus			
1% Secant, MD	146	MPa	
1% Secant, TD	165	MPa	ASTM D882
Tensile Strength			
MD : Yield	10.2	MPa	
TD : Yield	9.31	MPa	
MD : Break	60.7	MPa	
TD : Break	50.3	MPa	

Tensile Elongation			ASTM D882
MD : Break	500	%	
TD : Break	600	%	
Dart Drop Impact	1200	g	ASTM D1709
Elmendorf Tear Strength			ASTM D1922
MD	140	g	
TD	400	g	
Optical	Nominal Value	Unit	Test Method
Gloss (60°)	135		ASTM D2457
Haze (25.4 μm)	4.0	%	ASTM D1003

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#### Recommended distributors for this material

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