

# PRIMAENE WPP692MD

Metallocene Linear Low Density Polyethylene

Southern Polymer, Inc.

Message:

A metallocene linear low density polyethylene

Applications: - Agricultural film

Barrier food packaging

Blown film

Food packaging

Form and fill and seal packaging

Freezer film

General packaging

Heavy duty bags

Industrial packaging

Lamination film

Multilayer packaging film

Overwrap film

Packaging films

Premium trash bags

Liners

Features:

Outstanding tensile, impact strength and puncture

Excellent drawdown

Slip: 1000 ppm

Antiblock: 5000 ppm

Processing aid

General Information	
Additive	Antiblock (5000 ppm)
	Slip (1000 ppm)
Features	Antiblocking
	Good Drawdown
	Good Processability
	High Impact Resistance
	High Tensile Strength
	Low Density
	Slip
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	172	MPa	
1% Secant, TD	179	MPa	
Tensile Strength			ASTM D882
MD : Yield	8.76	MPa	
TD : Yield	8.41	MPa	
MD : Break	45.3	MPa	
TD : Break	31.8	MPa	
Tensile Elongation			ASTM D882
MD : Break	470	%	
TD : Break	550	%	
Dart Drop Impact	580	g	ASTM D1709
Elmendorf Tear Strength			ASTM D1922
MD	270	g	
TD	440	g	
Thermal	Nominal Value	Unit	
Peak Melting Temperature	119	°C	
Optical	Nominal Value	Unit	Test Method
Gloss (45°)	42		ASTM D2457
Haze	17	%	ASTM D1003

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