

# PRIMAENE WPP503P

Linear Low Density Polyethylene

Southern Polymer, Inc.

Message:

A fractional melt index low density linear polyethylene

Applications:

Pallet shrink film

Heavy duty bags

Consumer and institutional shrink film

General purposes packaging

Features:

Good processability

Good melt strength

Good drawdown

Good strength

Satin finish

Good MD & TD shrinkage

Slip: zero

Antiblock: zero

FDA 21 CFR 177.1520

General Information			
Features	Food Contact Acceptable		
	Good Drawdown		
	Good Melt Strength		
	Good Processability		
	Good Strength		
	Low Density		
Uses	Consumer Applications		
	Film		
	General Purpose		
	Heavy-duty Bags		
	Packaging		
Agency Ratings	FDA 21 CFR 177.1520		
Physical	Nominal Value	Unit	Test Method
Density	0.923	g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.20	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Coefficient of Friction	0.35		ASTM D1894
Films	Nominal Value	Unit	Test Method
Film Thickness - Tested	25	µm	
Secant Modulus			ASTM D882

1% Secant, MD	365	MPa	
1% Secant, TD	503	MPa	
Tensile Strength			ASTM D882
MD : Break	72.4	MPa	
TD : Break	29.6	MPa	
Tensile Elongation			ASTM D882
MD : Break	380	%	
TD : Break	800	%	
Dart Drop Impact	46	g	ASTM D1709
Optical	Nominal Value	Unit	Test Method
Gloss (60°)	46		ASTM D2457
Haze	33	%	ASTM D1003

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#### Recommended distributors for this material

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