

# PRIMALENE WPP551K

Low Density Polyethylene

Southern Polymer, Inc.

Message:

An extrusion coating low density polyethylene

Applications:

Food packaging

Laminations

Sealant resin

General paper and board coating

General flexible packaging

Features:

Excellent flexibility

Very high line speed at low coating weights

Processibility at lower extrusion temperature

High temperature extrusion stability

Excellent drawdown characteristics

Low neck-in

FDA 21 CFR 177.1520

General Information			
Features	Food Contact Acceptable		
	Good Drawdown		
	Good Flexibility		
	Low Density		
	Low Neck-In		
Uses	Food Packaging		
	Food Service Applications		
	Laminates		
	Non-specific Food Applications		
	Packaging		
	Paper Coatings		
	Sealants		
Agency Ratings	FDA 21 CFR 177.1520		
Processing Method	Extrusion		
	Extrusion Coating		
Physical	Nominal Value	Unit	Test Method
Density	0.917	g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	16	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
Oxygen Transmission Rate	6700	cm <sup>3</sup> /m <sup>2</sup> /24 hr	ASTM D3985

Water Vapor Transmission Rate	25	g/m <sup>2</sup> /24 hr	ASTM F1249
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	87.2	°C	ASTM D1525
Peak Melting Temperature	103	°C	ASTM D3418

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#### Recommended distributors for this material

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