

PRIMALENE WPP513DC

Low Density Polyethylene

Southern Polymer, Inc.

Message:

A 2.0 melt low density polyethylene

Applications:

- Bread bags
- Display packaging film
- Food packaging
- Form fill and seal packaging
- High clarity film
- Lamination film
- Laundry film
- Light duty shrink film
- Produce bags
- Salad bags
- Textile packaging

Features:

- Outstanding clarity
- Good stiffness
- Slip: 750 ppm
- Antiblock: 1000 ppm

General Information			
Additive	Antiblock (1000 ppm)		
	Slip (750 ppm)		
Features	Antiblocking		
	Good Stiffness		
	High Clarity		
	Low Density		
	Slip		
Uses	Bags		
	Displays		
	Film		
	Food Packaging		
	Laminates		
	Packaging		
Physical	Textile Applications		
	Nominal Value	Unit	Test Method
	Density	0.923	g/cm ³
Films	Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	2.0	g/10 min
			ASTM D1238
Films	Nominal Value	Unit	Test Method

Secant Modulus			ASTM D882
1% Secant, MD	214	MPa	
1% Secant, TD	253	MPa	
Tensile Strength			ASTM D882
MD : Yield	11.0	MPa	
TD : Yield	11.2	MPa	
MD : Break	25.1	MPa	
TD : Break	21.1	MPa	
Tensile Elongation			ASTM D882
MD : Break	210	%	
TD : Break	570	%	
Dart Drop Impact	99	g	ASTM D1709
Elmendorf Tear Strength			ASTM D1922
MD	350	g	
TD	180	g	
Thermal	Nominal Value	Unit	
Peak Melting Temperature	111	°C	
Optical	Nominal Value	Unit	Test Method
Gloss (45°)	76		ASTM D2457
Haze	5.2	%	ASTM D1003

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