

PRIMAENE WPP513

Low Density Polyethylene

Southern Polymer, Inc.

Message:

A 2.0 melt low density polyethylene

Applications:

- Cast film
- Compounding/Blend Partner
- Foams
- Food packaging
- Form fill and seal packaging
- Freezer film
- Lamination film
- Light duty shrink film
- Liners
- Produce and mail bags
- Textile packaging

Features:

- Superior impact strength
- Superior heat sealability
- Slip: zero
- Antiblock: zero

General Information			
Features	Good Heat Seal		
	Good Impact Resistance		
	Heat Sealable		
	Low Density		
Uses	Bags		
	Blending		
	Cast Film		
	Compounding		
	Film		
	Food Packaging		
	Liners		
	Packaging		
Processing Method	Cast Film		
	Compounding		
Physical	Nominal Value	Unit	Test Method
Density	0.923	g/cm ³	
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	210	MPa	
1% Secant, TD	230	MPa	
Tensile Strength			ASTM D882
MD : Yield	11.0	MPa	
TD : Yield	11.0	MPa	
MD : Break	25.0	MPa	
TD : Break	22.0	MPa	
Tensile Elongation			ASTM D882
MD : Break	330	%	
TD : Break	550	%	
Dart Drop Impact	79	g	ASTM D1709
Elmendorf Tear Strength			ASTM D1922
MD	150	g	
TD	120	g	
Thermal	Nominal Value	Unit	
Peak Melting Temperature	110	°C	
Optical	Nominal Value	Unit	Test Method
Gloss (45°)	63		ASTM D2457
Haze	6.1	%	ASTM D1003

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



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