

PRIMALENE WPP593D

Low Density Polyethylene

Southern Polymer, Inc.

Message:

A fractional melt low density polyethylene
Applications: - Produce bags - Frozen foods and dry goods packaging
Case shrink wrap, bundling
Laminations
General purpose clarity packaging
Features:
Excellent optics and impact strength
High coefficient of friction
Slip: 625 ppm
Antiblock: 2500 ppm

General Information			
Additive	Antiblock (2500 ppm)		
	Slip (625 ppm)		
Features	Antiblocking		
	Good Impact Resistance		
	High Friction		
	Low Density		
	Slip		
Uses	Bags		
	Food Packaging		
	General Purpose		
	Laminates		
	Packaging		
	Shrink Wrap		
Physical	Nominal Value	Unit	Test Method
Density	0.925	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.80	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Coefficient of Friction	0.20		ASTM D1894
Films	Nominal Value	Unit	Test Method
Dart Drop Impact	110	g	ASTM D1709
Elmendorf Tear Strength			ASTM D1922
MD	230	g	
TD	200	g	

Oxygen Transmission Rate	5900	cm ³ /m ² /24 hr	ASTM D3985
Water Vapor Transmission Rate	17	g/m ² /24 hr	ASTM F1249
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	98.9	°C	ASTM D1525
Peak Melting Temperature	112	°C	ASTM D3418
Optical	Nominal Value	Unit	Test Method
Gloss (60°)	127		ASTM D2457
Haze	5.0	%	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

