

PRIMALENE WPP693QB

Linear Low Density Polyethylene
Southern Polymer, Inc.

Message:

A hexene linear low density polyethylene
Applications:
Industrial liners
Stretch wrap
Garment and carrier bags
General purpose packaging
Features:
Good stiffness at thin gauges
Excellent processing characteristics
Good drawdown
Slip: high
Antiblock: high

General Information			
Additive	Antiblock		
	Slip		
Features	Antioxidant		
	Good Processability		
	Good Stiffness		
	Good Toughness		
	Hexene Comonomer		
	Low Density		
Uses	General Purpose		
	Heavy-duty Bags		
	Industrial Applications		
	Packaging		
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	0.30		ASTM D1894
Films	Nominal Value	Unit	Test Method
Film Thickness - Tested	25	µm	ASTM D882
Secant Modulus			
1% Secant, MD	290	MPa	
1% Secant, TD	345	MPa	

Tensile Strength			ASTM D882
MD : Break	55.2	MPa	
TD : Break	34.5	MPa	
Tensile Elongation			ASTM D882
MD : Break	400	%	
TD : Break	700	%	
Dart Drop Impact	130	g	ASTM D1709
Elmendorf Tear Strength			ASTM D1922
MD	300	g	
TD	650	g	
Optical	Nominal Value	Unit	Test Method
Gloss (60°)	65		ASTM D2457
Haze	18	%	ASTM D1003

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