

PRIMALENE WPP523ED03

Low Density Polyethylene

Southern Polymer, Inc.

Message:

A 2.5 melt index low density polyethylene

Applications:

Carpet backing

Co-extrusion films

Foams

Form fill and seal packaging

Freezer film

High clarity film

Lamination film

Features:

Good heat sealing

Good cold temperature toughness compared to LDPE homopolymers

Slip: 800 ppm

Antiblock: 2500 ppm

General Information			
Additive	Antiblock (2500 ppm)		
	Slip (800 ppm)		
Features	Antiblocking		
	Good Heat Seal		
	Heat Sealable		
	Low Density		
	Slip		
Uses	Carpet Backing		
	Film		
	Foam		
	Laminates		
	Packaging		
Processing Method	Coextrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.925	g/cm ³	
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	2.5	g/10 min	ASTM D1238
Vinyl Acetate Content	3.0	wt%	
Films	Nominal Value	Unit	Test Method
Secant Modulus			ASTM D882
1% Secant, MD	154	MPa	
1% Secant, TD	177	MPa	

Tensile Strength			ASTM D882
MD : Break	22.1	MPa	
TD : Break	19.0	MPa	
Tensile Elongation			ASTM D882
MD : Break	170	%	
TD : Break	540	%	
Dart Drop Impact	120	g	ASTM D1709
Elmendorf Tear Strength			ASTM D1922
MD	200	g	
TD	120	g	
Thermal	Nominal Value	Unit	
Peak Melting Temperature	107	°C	
Optical	Nominal Value	Unit	Test Method
Gloss (45°)	76		ASTM D2457
Haze	5.3	%	ASTM D1003

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