

PRIMALENE WPP554E18

Ethylene Vinyl Acetate Copolymer
Southern Polymer, Inc.

Message:

A high melt index vinyl acetate polyethylene
Applications:
Extrusion coating
Heat seal layer
Features:
Outstanding heat sealability
High clarity
Good balance of drawability and neck-in

General Information			
Features	Good Heat Seal		
	Heat Sealable		
	High Clarity		
Uses	Coating Applications		
	Sealants		
	Seals		
Processing Method	Extrusion		
	Extrusion Coating		
Physical	Nominal Value	Unit	Test Method
Density	0.939	g/cm ³	
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	23	g/10 min	ASTM D1238
Vinyl Acetate Content	18.5	wt%	
Films	Nominal Value	Unit	Test Method
Secant Modulus			ASTM D882
1% Secant, MD	50.9	MPa	
1% Secant, TD	55.3	MPa	
Tensile Strength			ASTM D882
MD : Break	21.6	MPa	
TD : Break	15.0	MPa	
Tensile Elongation			ASTM D882
MD : Break	530	%	
TD : Break	810	%	
Dart Drop Impact	94	g	ASTM D1709
Elmendorf Tear Strength			ASTM D1922
MD	240	g	

TD	330	g	
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	53.9	°C	ASTM D1525
Peak Melting Temperature	83.9	°C	
Optical	Nominal Value	Unit	Test Method
Gloss (45°)	89		ASTM D2457
Haze	0.90	%	ASTM D1003

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