



# SOUTHERN POLYMER

An **AUDIA**® Company



## PRIMALENE®

Southern Polymer  
6190 Powers Ferry Road, N.W.  
Suite 290  
Atlanta, GA 30339  
Phone (770) 916-0607  
Fax (770) 916-0608  
www.southernpolymer.com

## WPP514E18

A 2.0 melt index vinyl acetate polyethylene

### TYPICAL APPLICATIONS:

- Foams
- Injection molding
- Profile extrusion
- Shoe soles

### Features:

- Low melting temperature
- Excellent strength properties and toughness

Physical Properties	Typical Values*	Test Method(s)
Melt Index (190 °C/2.16 kg)	2.0 g/10 min	D-1238
Density	0.935 g/cm <sup>3</sup>	
Vinyl Acetate Content	18.2 wt%	
Peak Melting Temperature	189 °F	
Vicat Softening Temperature	147 °F	D-1525
Molded Properties	Typical Values*	Test Method(s)
Tensile Strength, Yield	760 psi	D-638
Tensile Strength, Break	1,660 psi	D-638
Elongation, Yield	260%	D-638
Elongation, Break	>800%	D-638
Flexural Modulus, 1% Secant	8,750 psi	D-790
Durometer Hardness, Shore D	36	D-2240
Instrumented Dart Impact , 73 °F	13.0 ft-lb	D-3763

\* Values given are typical and should not be interpreted as product specification. To obtain values for specific application purposes, contact your Southern Polymer representative.

The results reported are typical and based on reliable testing procedures. However, due to variable processing methods and conditions, no guarantees or warranties are expressed or implied, including expressions of fitness for purpose or merchantability. No recommendations are made to infringe on patents.