



# 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

## WPP551

A 16 melt index low density polyethylene

### TYPICAL APPLICATIONS:

- Large housewares
- Tamper evident, snap-on caps
- Feminine hygiene applications

### Features:

- Excellent flexibility
- Excellent flow
- Moderate mold release
- Good warpage resistance
- FDA 21 CFR 177.1520

Physical Properties	Typical Values*	Test Method(s)
Melt Index (190 °C/2.16 kg)	16.0 g/10 min	D-1238
Density	0.917 g/cc	D-1505
Vicat Softening Temperature	185 °F	D-1525
Tensile Strength, Yield (2 in/min)	1,300 psi	D-638
Elongation, Break	500%	D-638
Flexural Modulus, Tangent (0.5 in/min)	30,000 psi	D-790
Brittleness Temperature	-65 °F	D-746
Durometer Hardness, Shore D	46	D-2240

\* 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.