



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

WPP553

A 25 melt index low density polyethylene

TYPICAL APPLICATIONS:

- Housewares
- Personal care products
- Luggage handles

Features:

- Good warpage resistance
- Good flexibility
- Excellent flow
- FDA 21 CFR 177.1520 (c) 2.2

Physical Properties	Typical Values*	Test Method(s)
Melt Index (Condition 190 °C/2.16 kg)	25.0 g/10 min	D-1238
Density	0.925 g/cm ³	D-1505
Vicat Softening Temperature	197 °F	D-1525
Brittleness Temperature	-26 °F	D-746
Tensile Strength, Yield (2 in/min)	1,700 psi	D-638
Elongation, Break (2 in/min)	150%	D-638
Flexural Modulus, Tangent (0.5 in/min)	48,000 psi	D-790
Durometer Hardness, Shore D	51	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.