



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

WPP701

A blow molding grade high density polyethylene

TYPICAL APPLICATIONS:

- Food packaging
- Household and industrial chemical containers
- Thermoformed parts

Features:

- Very good stress crack resistance
- High impact strength
- FDA approved

Physical Properties	Typical Values*	Test Method(s)
Melt Index (190 °C/2.16 kg)	0.30 g/10 min	D-1238
Density	0.950 g/cm ³	D-4883
Brittleness Temperature	<-105 °F	D-746
Vicat Softening Temperature	255 °F	D-1525
Tensile Strength, Yield	3,920 psi	D-638
Tensile Elongation, Break	600%	D-638
Flexural Modulus, Tangent	174,000 psi	D-790
ESCR, Condition B (100% Igepal)	65 h	D-1693
Tensile Impact Strength	90.0 ft-lb/in ²	D-1822

* 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.