



# SOUTHERN POLYMER

An **AUDIA**® Company



## PRIMALENE®

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## WPP701A

A blow molding grade high density polyethylene

### TYPICAL APPLICATIONS:

- Agriculture products containers
- Food packaging
- Household and industrial chemical containers
- Thin gauge sheet

### Features:

- Anti-stat
- Good stress crack resistance
- Good stiffness and impact strength
- FDA 21 CFR 177.1520 (c) 3.1 & 3.2a

Physical Properties	Typical Values*	Test Method(s)
Melt Index (190 °C/2.16 kg)	0.22 g/10 min	D-1238
Density	0.948 g/cm <sup>3</sup>	D-4883
Tensile Strength, Yield	3,770 psi	D-638
Tensile Strength, Break	2,470 psi	D-638
Tensile Modulus	249,000 psi	D-638
Flexural Modulus	180,000 psi	D-790
Elongation, Yield	9.0%	D-638
Elongation, Break	900%	D-638
ESCR, Condition B (100% Igepal)	>200 h	D-1693
Tensile Impact Strength	105 ft-lb/in <sup>2</sup>	D-1822
Heat Deflection Temperature at 66 psi – Unannealed	154 °F	D-648
Brittleness Temperature	<-105 °F	D-746
Vicat Softening Temperature	252 °F	D-1525

\* 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.