



# SOUTHERN POLYMER

An **AUDIA**® Company



## PRIMALENE®

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## WPP703

A blow molding grade high density polyethylene

### TYPICAL APPLICATIONS:

- Food packaging
- Liquid food containers (milk, water, and juices)
- Thermoformed parts
- Thin gauge sheet

### Features:

- High stiffness
- Medium molecular weight distribution
- FDA approved

Physical Properties	Typical Values*	Test Method(s)
Melt Index (190 °C/2.16 kg)	0.25 g/10 min	D-1238
Density	0.963 g/cm <sup>3</sup>	D-4883
Brittleness Temperature	<-105 °F	D-746
Vicat Softening Temperature	261 °F	D-1525
Tensile Strength, Yield	4,500 psi	D-638
Elongation, Break	450%	D-638
Flexural Modulus, Tangent	235,000 psi	D-790
ESCR, Condition B (100% Igepal)	15 hrs	D-1693
Tensile Impact Strength	70.0 ft-lb/in <sup>2</sup>	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.