



SOUTHERN POLYMER

An **AUDIA**® Company



PRIMALENE®

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WPP700

A blow molding grade high density polyethylene

TYPICAL APPLICATIONS:

- Household and chemical containers
- Agricultural product containers
- Food packaging

Features:

- Good impact
- Excellent environmental stress crack resistance
- FDA approved

Physical Properties	Typical Values*	Test Method(s)
Melt Index (190 °C/2.16 kg)	0.35 g/10 min	D-1238
Density	0.945 g/cm ³	D-4883
Tensile Strength, Yield	3,480 psi	D-638
Tensile Strength, Break	2,610 psi	D-638
Tensile Modulus	249,000 psi	D-638
Elongation, Yield	9%	D-638
Elongation, Break	900%	D-638
Flexural Modulus, Tangent	151,000 psi	D-790
ESCR, Condition B (100% Igepal)	>1000 hr	D-1693
Tensile Impact Strength	110 ft-lb/in ²	D-1822
DTUL @ 66 psi – Unannealed	151 °F	D-648
Brittleness Temperature	<-105 °F	D-746
Vicat Softening Temperature	250 °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.