



## PRIMALENE®

Southern Polymer

## 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 <sup>3</sup>	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 <sup>2</sup>	D-1822
DTUL @ 66 psi – Unannealed	151 °F	D-648
Brittleness Temperature	<-105 °F	D-746
Vicat Softening Temperature	250 °F	D-1525