



PRIMALENE®

Southern Polymer

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 ³	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 ²	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