



SOUTHERN POLYMER

An **AUDIA**® Company



PRIMALENE®

Southern Polymer

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 ³	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 ²	D-1822