



SOUTHERN POLYMER

An **AUDIA**® Company



PRIMALENE®

Southern Polymer

WPP702

High density polyethylene

TYPICAL APPLICATIONS:

- Drainage pipes
- Food packaging
- Household and industrial chemical containers
- Thermoformed parts
- Thin gauge sheet

Features:

- Good stiffness
- Good stress crack resistance
- FDA 21 CFR 177.1520

Physical Properties	Typical Values*	Test Method(s)
Melt Index (190 °C/2.16 kg)	0.30 g/10 min	D-1238
Density	0.954 g/cm ³	D-4883
Brittleness Temperature	<-105 °F <-76 °C	D-746
Vicat Softening Temperature	261 °F 127 °C	D-1525
Tensile Strength, Yield	4,100 psi 28 MPa	D-638
Flexural Modulus, Tangent	190,000 psi 1,300 MPa	D-790
ESCR, Condition B (100% Igepal)	30 hrs	D-1693
Tensile Impact Strength	90.0 ft-lb/in ² 190 kJ/m ²	D-1822