



SOUTHERN POLYMER

An **AUDIA**® Company



PRIMALENE®

Southern Polymer
6190 Powers Ferry Road, N.W.
Suite 290
Atlanta, GA 30339
Phone (770) 916-0607
Fax (770) 916-0608
www.southernpolymer.com

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

* 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.