



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

WPP792

A fractional melt index high density polyethylene

TYPICAL APPLICATIONS:

- Caps and closures
- Compression molding
- Food packaging
- Household and industrial chemical containers
- Thermoformed parts
- Thin gauge sheet

Features:

Excellent processability on both continuous and intermittent equipment affords significant lightweighting and fast-cycling potential

| Physical Properties | Typical Values* | Test Method(s) |
|---------------------------------|---------------------------|----------------|
| Melt Index (190 °C/2.16kg) | 0.46 g/10 min | D-1238 |
| Density | 0.957 g/cm ³ | D-1505 |
| Tensile Strength, Yield | 4,350 psi | D-638 |
| Tensile Elongation, Break | 1100% | D-638 |
| Flexural Modulus, (Procedure A) | 210,000 psi | D-790 |
| ESCR (100% Igepal) | >1000 hr | D-1693 |
| Tensile Impact Strength | 124 ft-lb/in ² | D-1822 |
| Brittleness Temperature | <-105 °F | D-746 |

* 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.