



# SOUTHERN POLYMER

An **AUDIA**® Company



## PRIMALENE®

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## WPP852

A high molecular weight high density polyethylene

### TYPICAL APPLICATIONS:

- Culverts
- Storm sewers
- Land drainage

### Features:

- Good pipe stiffness
- Good melt strength
- Good ESCR

Physical Properties	Typical Values*	Test Method(s)
Flow Rate (HLMI, 190/21.6)	21.0 g/10 min	D-1238
Density	0.953 g/cm <sup>3</sup>	D-1505
Tensile Strength, Yield (2 in/min)	4,100 psi	D-638
Tensile Elongation, Break (2 in/min)	>600%	D-638
Flexural Modulus, Tangent (0.5 in/min)	190,000 psi	D-790
ESCR, Condition B (100% Igepal), F <sub>50</sub>	500 h	D-1693
Notched Constant Ligament Stress, Avg. of Five	>24h	F-2136
Oxidative Induction Time, 200 °C	.25 min	D-3895

\* 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.