



SOUTHERN POLYMER

An **AUDIA**® Company



PRIMALENE®

Southern Polymer

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 ³	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 ₅₀	500 h	D-1693
Notched Constant Ligament Stress, Avg. of Five	>24h	F-2136
Oxidative Induction Time, 200 °C	.25 min	D-3895