



SOUTHERN POLYMER

An **AUDIA**® Company



PRIMALENE®

Southern Polymer

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WPP612

Linear low density polyethylene

TYPICAL APPLICATIONS:

- Blown and cast film
- Blend partner
- Cast stretch film
- Garment film
- General packaging
- Personal care

Features:

- Butene
- Slip: zero
- Anti-block: zero
- Good tensile and toughness properties
- High gloss
- Excellent drawdown
- FDA 21 CFR 177.1520 (c) 3.1a and 3.2a

Physical Properties	Typical Values*	Test Method(s)
Melt Index (190 °C/2.16kg)	2.0 g/10 min	D-1238
Density	0.918 g/cm ³	
Peak Melting Temperature	250 °F	
Film Properties	Typical Values*	Test Method(s)
Tensile Strength, Yield MD TD	1100 psi 940 psi	D-882
Tensile Strength, Break MD TD	9000 psi 3600 psi	D-882
Elongation, Break MD TD	420% 830%	D-882
1 % Secant Modulus MD TD	17000 psi 19000 psi	D-882
Drop Dart Impact	<50 g	D-1709A
Elmendorf Tear Strength MD TD	20 g 430 g	D-1922
Gloss 45°	98	D-2457
Haze	1.7%	D-1003

* 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.