



SOUTHERN POLYMER

An AUDIA® Company



PRIMALENE®

Southern Polymer

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 |