



SOUTHERN POLYMER

An **AUDIA**® Company



PRIMALENE®

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WPP502

A fractional melt low density polyethylene

TYPICAL APPLICATIONS:

- Agricultural film
- Blend partner
- Construction film
- Foams
- Heavy duty bags
- High performance collation shrink
- Pallet shrink film
- Profile extrusion

Features:

- High strength properties
- Medium optical properties
- Slip: zero
- Anti-block: zero

Physical Properties	Typical Values*	Test Method(s)
Melt Index (190 °C/2.16 kg)	0.33 g/10 min	
Density	0.922 g/cm ³	
Peak Melting Temperature	228 °F	
Film Properties	Typical Values*	Test Method(s)
Haze	11%	D-1003
Gloss 45°	54	D-2457
Elmendorf Tear Strength, MD TD	400 g 750 g	D-1922
Tensile Strength, Yield MD TD	1,740 psi 1,600 psi	D-882
Tensile Strength, Break MD TD	3,480 psi 3,190 psi	D-882
Tensile Modulus, 1% Secant MD TD	30,500 psi 34,800 psi	D-882
Elongation, Break MD TD	500% 650%	D-882
Dart Drop Impact	320 g	D-1709A

* 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.