



SOUTHERN POLYMER

An AUDIA® Company



PRIMALENE®

Southern Polymer

WPP502B

A fractional melt low density polyethylene

TYPICAL APPLICATIONS:

- Agricultural film
- Construction film
- Heavy duty bags
- Pallet shrink film
- Zipper bags

Features:

- Excellent strength properties
- Outstanding processability
- Slip: zero
- Antiblock: 4000 ppm

Physical Properties	Typical Values*	Test Method(s)
Melt Index (190 °C/2.16 kg)	0.25 g/10 min	D-1238
Density	0.919 g/cm ³	
Peak Melting Temperature	230 °F	
Film Properties	Typical Values*	Test Method(s)
Haze	15%	D-1003
Gloss 45°	50	D-2457
Elmendorf Tear Strength, MD	610 g	D-1922
TD	640 g	
Tensile Strength, Yield MD	1,260 psi	D-882
TD	1,310 psi	
Tensile Strength, Break MD	2,600 psi	D-882
TD	2,990 psi	
Tensile Modulus, 1% Secant MD	23,000 psi	D-882
TD	24,100 psi	
Elongation, Break MD	430%	D-882
TD	610%	
Dart Drop Impact	600 g	D-1709A