



SOUTHERN POLYMER

An AUDIA® Company



PRIMALENE®

Southern Polymer
6190 Powers Ferry Road, N.W.
Suite 290
Atlanta, GA 30339
Phone (770) 916-0607
Fax (770) 916-0608
www.southernpolymer.com

WPP512D

Low density polyethylene

TYPICAL APPLICATIONS:

- Blend partner
- Food packaging
- Form film and seal packaging
- Produce bags
- Textile packaging

Features:

- Superior impact strength
- Superior heat sealability
- Slip: 750 ppm
- Antiblock: 1500 ppm

Physical Properties	Typical Values*	Test Method(s)
Melt Index (190 °C/2.16 kg)	2.0 g/10 min	D-1238
Density	0.921 g/cm ³	
Peak Melting Temperature	232 °F	
Nominal Film Properties at 1 mil*	Typical Values*	Test Method(s)
Haze	7.0%	D-1003
Gloss, 45°	66	D-2457
Elmendorf Tear Strength, MD TD	460 g 100 g	D-1922
Tensile Strength, Yield MD TD	1,500 psi 1,500 psi	D-882
Tensile Strength, Break MD TD	3,700 psi 2,800 psi	D-882
Tensile Modulus, 1% Secant MD TD	29,000 psi 36,000 psi	D-882
Elongation, Break MD TD	130% 540%	D-882
Dart Drop Impact	110 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.