



PRIMALENE®

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WPP512D

A 2.0 melt low density polyethylene

TYPICAL APPLICATIONS:

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

Features:

- Superior impact strength
- Superior heat seal ability
- 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	D-1505
Vicat Softening Temperature	194 °F	D-1525
Peak Melting Temperature	228 °F	
Film Properties	Typical Values*	Test Method(s)
Haze	6.1%	D-1003
Gloss @ 45°	68	D-2457
Elmendorf Tear Strength MD TD	440 g 110 g	D-1922
Tensile Strength, Yield MD TD	1,500 psi 1,600 psi	D-882
Tensile Strength, Break MD TD	3,600 psi 2,700 psi	D-882
Tensile Modulus, 1% Secant MD TD	30,000 psi 37,000 psi	D-882
Elongation, Break MD TD	130% 490%	D-882
Dart Drop Impact	120 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.