



PRIMALENE®

Southern Polymer

WPP513

A 2.0 melt low density polyethylene

TYPICAL APPLICATIONS:

- Cast film
- Compounding/blend partner
- Foams
- Food packaging
- Form fill and sea packaging
- Freezer film
- Lamination film
- Light duty shrink film
- Liners
- Produce and mail bags
- Textile packaging

Features:

- Superior impact strength
- Superior heat sealability
- Slip: zero
- Antiblock: zero

Physical Properties	Typical Values*	Test Method(s)
Melt Index (190 °C/2.16 kg)	2.0 g/10 min	D-1238
Density	0.923 g/cm ³	
Peak Melting Temperature	230 °F	
Film Properties	Typical Values*	Test Method(s)
Haze	6.1%	D-1003
Gloss @ 45°	63	D-2457
Elmendorf Tear Strength, M.D. T.D.	150 g 120 g	D-1922
Tensile Strength @ Yield, M.D. T.D.	1,600 psi 1,600 psi	D-882
Tensile Strength @ Break, M.D. T.D.	3,630 psi 3,190 psi	D-882
Tensile Modulus, 1% Secant, M.D. T.D.	30,500 psi 33,400 psi	D-882
Elongation @ Break, M.D. T.D.	330% 550%	D-882
Dart Drop Impact	79 g	D-1709A