



SOUTHERN POLYMER

An AUDIA® Company



PRIMALENE®

Southern Polymer

WPP523ED03

A 2.5 melt index low density polyethylene

TYPICAL APPLICATIONS:

- Carpet backing
- Co-extrusion films
- Foams
- Form fill and seal packaging
- Freezer film
- High clarity film
- Lamination film

Features:

- Good heat sealing
- Good cold temperature toughness compared to LDPE homopolymers
- Slip: 800 ppm
- Antiblock: 2500 ppm

Physical Properties	Typical Values*	Test Method(s)
Melt Index	2.5 g/10 min	D-1238
Density	0.925 g/cm ³	
Vinyl Acetate Content	3.0 wt%	
Peak Melting Temperature	225 °F	

Film Properties	Typical Values*	Test Method(s)
Haze	5.3%	D-1003
Gloss 45°	76	D-2457
Elmendorf Tear Resistance, M.D. T.D.	200 g 120 g	D-1922
Tensile Strength, Break M.D. T.D.	3,200 psi 2,760 psi	D-882



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Tensile Modulus, 1% Secant, M.D. T.D.	22,300 psi 25,700 psi	D-882
Elongation, Break M.D. T.D.	170% 540%	D-882
Dart Drop Impact	120 g	D-1709A