



PRIMALENE®

Southern Polymer

WPP553

A 25 melt index low density polyethylene

TYPICAL APPLICATIONS:

- Housewares
- Personal care products
- Luggage handles

Features:

- Good warpage resistance
- Good flexibility
- Excellent flow
- FDA 21 CFR 177.1520 (c) 2.2

Physical Properties	Typical Values*	Test Method(s)
Melt Index (Condition 190 °C/2.16 kg)	25.0 g/10 min	D-1238
Density	0.925 g/cm ³	D-1505
Vicat Softening Temperature	197 °F	D-1525
Brittleness Temperature	-26 °F	D-746
Tensile Strength, Yield (2 in/min)	1,700 psi	D-638
Elongation, Break (2 in/min)	150%	D-638
Flexural Modulus, Tangent (0.5 in/min)	48,000 psi	D-790
Durometer Hardness, Shore D	51	D-2240