



# SOUTHERN POLYMER

An **AUDIA**® Company



## PRIMALENE®

Southern Polymer

## WPP741

An 11.5 melt index high density polyethylene

### TYPICAL APPLICATIONS:

- Food pails (2-5 gallon)
- Automotive applications
- Toys
- Closures
- Housewares

### Features:

- Good impact strength
- Good stiffness
- Durable and recyclable for sustainability  
FDA 21 CFR 177.1520 (c) 3.2a

Physical Properties	Typical Values*	Test Method(s)
Melt Index (190 °C/2.16 kg)	11.5 g/10 min	D-1238
Density	0.952 g/cm <sup>3</sup>	D-1505
Tensile Strength, Yield (2 in/min)	3,900 psi	D-638
Elongation, Break (2 in/min)	900%	D-638
Flexural Modulus, Tangent (0.5 in/min)	185,000 psi	D-790
ESCR, Condition B (100% Igepal), F <sub>50</sub>	15 h	D-1693
Durometer Hardness, Shore D	63	D-2240
Vicat Softening Temperature	255 °F	D-1525
Brittleness Temperature	<-103 °F	D-746