



## PRIMALENE®

Southern Polymer

## WPP771

A 40 melt index high density polyethylene

### TYPICAL APPLICATIONS:

- Thin wall food containers
- Toys

### Features:

- Easy mold flow
  - Moderate impact strength
  - Good stiffness
- FDA 21 CFR 177.1520 (c) 3.2a

Physical Properties	Typical Values*	Test Method(s)
Melt Index (190 °C/2.16 kg)	40.0 g/10 min	D-1238
Density	0.952 g/cm <sup>3</sup>	D-1505
Tensile Strength, Yield (2 in/min)	3,470 psi	D-638
Elongation, Break (2 in/min)	<100%	D-638
Flexural Modulus, Tangent (0.5 in/min)	142,000 psi	D-790
ESCR, Condition B (100% Igepal), F <sub>50</sub>	<10 h	D-1693
Vicat Softening Temperature	239 °F	D-1525
Brittleness Temperature	<-103 °F	D-746