



SOUTHERN POLYMER

An **AUDIA**® Company



PRIMALENE®

Southern Polymer
6190 Powers Ferry Road, N.W.
Suite 290
Atlanta, GA 30339
Phone (770) 916-0607
Fax (770) 916-0608
www.southernpolymer.com

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 ³	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 ₅₀	<10 h	D-1693
Vicat Softening Temperature	239 °F	D-1525
Brittleness Temperature	<-103 °F	D-746

* Values given are typical and should not be interpreted as product specification. To obtain values for specific application purposes, contact your Southern Polymer representative.

The results reported are typical and based on reliable testing procedures. However, due to variable processing methods and conditions, no guarantees or warranties are expressed or implied, including expressions of fitness for purpose or merchantability. No recommendations are made to infringe on patents.