



# 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

## WPP620Q

A hexane linear low density polyethylene

### TYPICAL APPLICATIONS:

- Agricultural film
- Cast film
- Diaper backsheet
- Overwrap film

### Features:

- Barefoot
- High strength and stiffness
- Good tensile and puncture resistance

| Physical Properties                | Typical Values*          | Test Method(s) |
|------------------------------------|--------------------------|----------------|
| Melt Index (190 °C/2.16kg)         | 4.3 g/10 min             | D-1238         |
| Density                            | 0.942 g/cm <sup>3</sup>  |                |
| Peak Melting Temperature           | 261 °F                   |                |
| Tensile Strength, Yield MD<br>TD   | 2,350 psi<br>2,480 psi   | D-882          |
| Tensile Strength, Break MD<br>TD   | 7,330 psi<br>4,950 psi   | D-882          |
| Elongation, Break MD<br>TD         | 590%<br>830%             | D-882          |
| Secant Modulus, 1% Secant MD<br>TD | 55,300 psi<br>62,300 psi | D-882          |
| Dart Drop Impact                   | < 49 g                   | D-1709A        |
| Elmendorf Tear Strength MD<br>TD   | 20 g<br>170 g            | D-1922         |
| Puncture Energy                    | 7.00 in-lb               |                |
| Gloss, 45°                         | 82                       | D-2457         |
| Haze                               | 3.4%                     | D-1003         |

\* 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.