

# PRIMALENE WPP692QD

Linear Low Density Polyethylene

Southern Polymer, Inc.

Message:

A hexene linear low density polyethylene

Applications: - Industrial liners

Stretch wrap

Garment and carrier bags

General purpose packaging

Features:

Good stiffness at thin gauges

Excellent processing characteristics

Good drawdown

Slip: high

Antiblock: high

| General Information                       |                         |                   |             |
|-------------------------------------------|-------------------------|-------------------|-------------|
| Additive                                  | Antiblock               |                   |             |
|                                           | Slip                    |                   |             |
| Features                                  | Antioxidant             |                   |             |
|                                           | Good Drawdown           |                   |             |
|                                           | Good Processability     |                   |             |
|                                           | Good Stiffness          |                   |             |
|                                           | Hexene Comonomer        |                   |             |
|                                           | Low Density             |                   |             |
|                                           | Slip                    |                   |             |
| Uses                                      | Bags                    |                   |             |
|                                           | General Purpose         |                   |             |
|                                           | Industrial Applications |                   |             |
|                                           | Laundry Bags            |                   |             |
|                                           | Liners                  |                   |             |
|                                           | Packaging               |                   |             |
| Physical                                  | Nominal Value           | Unit              | Test Method |
| Density                                   | 0.918                   | g/cm <sup>3</sup> | ASTM D1505  |
| Melt Mass-Flow Rate (MFR) (190°C/2.16 kg) | 0.90                    | g/10 min          | ASTM D1238  |
| Mechanical                                | Nominal Value           | Unit              | Test Method |
| Coefficient of Friction                   | 0.15                    |                   | ASTM D1894  |
| Films                                     | Nominal Value           | Unit              | Test Method |
| Film Thickness - Tested                   | 25                      | µm                |             |
| Secant Modulus                            |                         |                   | ASTM D882   |

| 1% Secant, MD           | 207           | MPa  |             |
|-------------------------|---------------|------|-------------|
| 1% Secant, TD           | 228           | MPa  |             |
| Tensile Strength        |               |      | ASTM D882   |
| MD : Break              | 29.6          | MPa  |             |
| TD : Break              | 20.0          | MPa  |             |
| Tensile Elongation      |               |      | ASTM D882   |
| MD : Break              | 400           | %    |             |
| TD : Break              | 600           | %    |             |
| Dart Drop Impact        | 330           | g    | ASTM D1709  |
| Elmendorf Tear Strength |               |      | ASTM D1922  |
| MD                      | 400           | g    |             |
| TD                      | 650           | g    |             |
| Optical                 | Nominal Value | Unit | Test Method |
| Gloss (60°)             | 70            |      | ASTM D2457  |
| Haze                    | 21            | %    | ASTM D1003  |

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