

## ExxonMobil Label-Lyte™ 25LL-101 OPP Film

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Film Grade

### Material Notes:

**Product Description:** A clear, one-side treated, polypropylene film that is designed to provide exceptional clarity and print protection when used as overlaminates in pressure-sensitive labeling applications. This film is formulated with a proprietary non-migratory slip system. The treated clear layer provides excellent anchorage to most adhesives and is the intended print and laminating surfaces. **Availability:** Latin America, North America and South America **Key Features:** Outstanding clarity and gloss **Excellent ink adhesion** with most solvent-based and water-water-based ink systems **Excellent bond strength** with most laminating adhesives **Applications:** Beverage, Carbonated Beverage, Mineral Waters Dairy Products Dry Foods and Beverage Powders **Uses:** Pressure Sensitive Labels **Processing Method:** Outer Web Adhesive Lamination, Solvent Flexographic Printing, Solvent Rotogravure Printing, Surface Print Unsupported and Water-based Flexographic Printing **Information provided by ExxonMobil**

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_ExxonMobil-Label-Lyte-25LL-101-OPP-Film.php](http://www.lookpolymers.com/polymer_ExxonMobil-Label-Lyte-25LL-101-OPP-Film.php)

| Physical Properties | Metric                | English      | Comments          |
|---------------------|-----------------------|--------------|-------------------|
| Thickness           | 25.4 microns          | 1.00 mil     | ExxonMobil Method |
| Coating Weight      | 22.7 g/m <sup>2</sup> | 14.2 lb/ream | ExxonMobil Method |

| Mechanical Properties              | Metric  | English   | Comments  |
|------------------------------------|---------|-----------|---|
| Film Elongation at Break, MD       | 147 %   | 147 %     | 20 in/min, 2.0 in Jaw Separation; ExxonMobil Method |
| Film Elongation at Break, TD       | 45 %    | 45 %      | 20 in/min, 2.0 in Jaw Separation; ExxonMobil Method |
| Coefficient of Friction            | 0.19    | 0.19      | Machinable; ExxonMobil Method                       |
| Film Tensile Strength at Break, MD | 124 MPa | 18000 psi | 20 in/min, 2.0 in Jaw Separation; ExxonMobil Method |
| Film Tensile Strength at Break, TD | 241 MPa | 35000 psi | 20 in/min, 2.0 in Jaw Separation; ExxonMobil Method |

| Thermal Properties | Metric              | English             | Comments          |
|--------------------|---------------------|---------------------|-------------------|
| Shrinkage, MD      | 4.0 %               | 4.0 %               | ExxonMobil Method |
|                    | @Temperature 135 °C | @Temperature 275 °F |                   |
| Shrinkage, TD      | 4.0 %               | 4.0 %               | ExxonMobil Method |
|                    | @Temperature 135 °C | @Temperature 275 °F |                   |

| Optical Properties | Metric | English | Comments          |
|--------------------|--------|---------|-------------------|
| Haze               | 2.0 %  | 2.0 %   | ExxonMobil Method |

| Optical Properties | Metric | English | Comments                         |
|--------------------|--------|---------|----------------------------------|
|                    |        |         | Print Surface; ExxonMobil Method |

| Descriptive Properties | Value                     | Comments      |
|------------------------|---------------------------|---------------|
| Wetting Tension        | 0.83 receding cos theta   | Print Surface |
| Yield                  | 30500 in <sup>2</sup> /lb |               |

## Contact Songhan Plastic Technology Co.,Ltd.

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