

## ExxonMobil Label-Lyte® 150 LL-302 White Opaque OPP Facestock

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

## **Material Notes:**

White, corona-treated polypropylene label facestock designed for rigid and semi-rigid pressure-sensitive applications requiring durability, opacity, and excellent graphic appeal. The treated, high energy, print surface has generally good compatibility with water-based and solvent-based flexo and gravure, UV flexo, UV letterpress, and UV screen ink systems. The print surface is also compatible with hot stamping systems. The adhesive side is corona-treated for good pressure-sensitive adhesive anchorage. Information provided by ExxonMobil Chemical

## Order this product through the following link:

http://www.lookpolymers.com/polymer\_ExxonMobil-Label-Lyte-150-LL-302-White-Opaque-OPP-Facestock.php

| Physical Properties | Metric       | English         | Comments |
|---------------------|--------------|-----------------|----------|
| Thickness           | 66.0 microns | 2.60 mil        |          |
| Coating Weight      | >= 46.1 g/m² | >= 28.8 lb/ream | 520      |

| Mechanical Properties              | Metric     | English   | Comments |
|------------------------------------|------------|-----------|----------|
| Film Elongation at Break, MD       | 200 %      | 200 %     | 510      |
| Film Elongation at Break, TD       | 50 %       | 50 %      | 510      |
| Film Tensile Strength at Break, MD | 90.163 MPa | 13077 psi | 510      |
| Film Tensile Strength at Break, TD | 190.93 MPa | 27692 psi | 510      |

| Thermal Properties | Metric | English | Comments      |
|--------------------|--------|---------|---------------|
| Shrinkage, MD      | 5.0 %  | 5.0 %   | at 275°F; 438 |
| Shrinkage, TD      | 5.0 %  | 5.0 %   | at 275°F; 438 |

| Optical Properties    | Metric | English | Comments |
|-----------------------|--------|---------|----------|
| Gloss                 | 70 %   | 70 %    | 442      |
| Transmission, Visible | 19 %   | 19 %    | 417      |

| Descriptive Properties              | Value                | Comments |
|-------------------------------------|----------------------|----------|
| Gurley Stiffness, MD, mgf           | 22                   |          |
| Gurley Stiffness, TD, mgf           | 42                   |          |
| Wetting Tension, receding COS theta | .85 adhesive surface |          |



| Descriptive Properties | Value Value | Comments |
|------------------------|-------------|----------|
| Yield, in2/lb          | 15000       |          |

## **Contact Songhan Plastic Technology Co.,Ltd.**

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