

ExxonMobil Label-Lyte™ 19LL-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-19LL-101-OPP-Film.php

| Physical Properties | Metric | English | Comments |
|---------------------|-----------------------|--------------|-------------------|
| Thickness | 19.0 microns | 0.750 mil | ExxonMobil Method |
| Coating Weight | 17.0 g/m ² | 10.6 lb/ream | ExxonMobil Method |

| Mechanical Properties | Metric | English | Comments |
|------------------------------------|---------|-----------|---|
| Film Elongation at Break, MD | 150 % | 150 % | 20 in/min, 2.0 in Jaw Separation; ExxonMobil Method |
| Film Elongation at Break, TD | 50 % | 50 % | 20 in/min, 2.0 in Jaw Separation; ExxonMobil Method |
| Coefficient of Friction | 0.20 | 0.20 | 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 | 5.0 % @Temperature 135 °C | 5.0 % @Temperature 275 °F | ExxonMobil Method |
| Shrinkage, TD | 4.0 % @Temperature 135 °C | 4.0 % @Temperature 275 °F | ExxonMobil Method |

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

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

| Descriptive Properties | Value | Comments |
|------------------------|---------------------------|---------------|
| Wetting Tension | 0.83 receding cos theta | Print Surface |
| Yield | 40800 in ² /lb | |

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