

## ExxonMobil Label-Lyte™ 29LL210 Preliminary Data Sheet OPP Film

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

### Material Notes:

**Product Description:** A biaxially oriented, transparent polypropylene film for pressure sensitive labeling and tape applications. **Availability:** Africa & Middle East and Europe **Key Features:** High yield Good gloss transparency Good moisture resistance Good printability on the treated side and receptivity to laminating adhesives Excellent machine performance Recommended for in-line top coating **Applications:** Beverage, Alcoholic Beverage, Carbonated Beverage, Mineral Waters Dairy Products Dry Foods and Beverage Powders **Uses:** Reel-Fed Labels **Processing Method:** Solvent Flexographic Printing, Solvent Rotogravure Printing, UV Flexographic Printing, UV Offset Lithography Printing and Water-based Flexographic Printing **Information provided by ExxonMobil**

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_ExxonMobil-Label-Lyte-29LL210-Preliminary-Data-Sheet-OPP-Film.php](http://www.lookpolymers.com/polymer_ExxonMobil-Label-Lyte-29LL210-Preliminary-Data-Sheet-OPP-Film.php)

Physical Properties	Metric	English	Comments
Thickness	27.9 microns	1.10 mil	ExxonMobil Method
Coating Weight	25.9 g/m <sup>2</sup>	16.2 lb/ream	ExxonMobil Method

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	175 %	175 %	7.9 in/min, 4.9 in Jaw Separation; ExxonMobil Method
Film Elongation at Break, TD	60 %	60 %	7.9 in/min, 4.9 in Jaw Separation; ExxonMobil Method
Modulus of Elasticity	2.00 GPa	290 ksi	MD; ExxonMobil Method
	3.60 GPa	522 ksi	TD; ExxonMobil Method
Film Tensile Strength at Break, MD	150 MPa	21800 psi	7.9 in/min, 4.9 in Jaw Separation; ExxonMobil Method
Film Tensile Strength at Break, TD	290 MPa	42100 psi	7.9 in/min, 4.9 in Jaw Separation; ExxonMobil Method

Thermal Properties	Metric	English	Comments
Shrinkage, MD	6.5 %	6.5 %	ExxonMobil Method
	@Temperature 135 °C, Time 432 sec	@Temperature 275 °F, Time 0.120 hour	
Shrinkage, TD	4.5 %	4.5 %	ExxonMobil Method
	@Temperature 135 °C, Time 432 sec	@Temperature 275 °F, Time 0.120 hour	

Optical Properties	Metric	English	Comments
Haze			ExxonMobil Method

Optical Properties	Metric	English	Comments
Gloss	85 %	85 %	45°; ExxonMobil Method

Descriptive Properties	Value	Comments
Yield	26600 in <sup>2</sup> /lb	

## Contact Songhan Plastic Technology Co.,Ltd.

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