

## ExxonMobil Bicolor® 120 LCX OPP Film

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

**Material Notes:**

One-side treated, one-side sealable OPP film designed for use in a lamination. It is typically laminated to Metallyte, HBS-2, SPW, and itself to create lap sealable packages. The high energy surface is intended as the print and laminating side. Information provided by ExxonMobil Chemical

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_ExxonMobil-Bicolor-120-LCX-OPP-Film.php](http://www.lookpolymers.com/polymer_ExxonMobil-Bicolor-120-LCX-OPP-Film.php)

Physical Properties	Metric	English	Comments
Water Vapor Transmission	4.00 g/m <sup>2</sup> /day	0.258 g/100 in <sup>2</sup> /day	38°C, 90% RH; 518
Thickness	30.5 microns	1.20 mil	Nominal
Coating Weight	>= 27.2 g/m <sup>2</sup>	>= 17.0 lb/ream	520

Mechanical Properties	Metric	English	Comments
Coefficient of Friction	0.24	0.24	slip modified; 430
Film Tensile Strength at Break, MD	138 MPa	20000 psi	510
Film Tensile Strength at Break, TD	241 MPa	35000 psi	510

Thermal Properties	Metric	English	Comments
Shrinkage, MD	4.5 %	4.5 %	at 275°F; 438
Shrinkage, TD	5.0 %	5.0 %	at 275°F; 438

Optical Properties	Metric	English	Comments
Haze	4.0 %	4.0 %	444
Gloss	90 %	90 %	442

Descriptive Properties	Value	Comments
Crimp Seal MST, °F	196	untreated, 200g/in
Wetting Tension, receding COS theta	0.9	
Yield, in <sup>2</sup> /lb	25400	

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

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