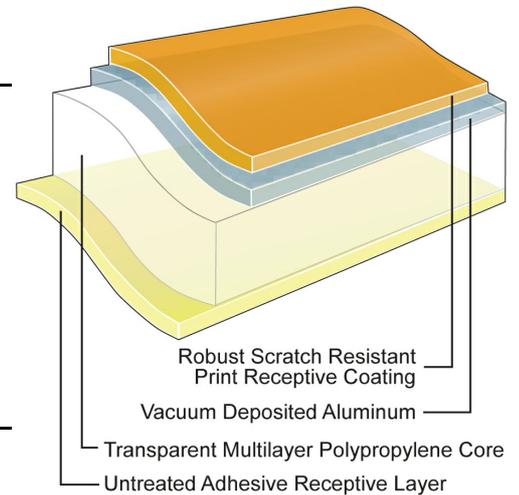


Label-Lyte™ 50ML580

Oriented Polypropylene Film

Product Description

Label-Lyte 50ML580 is a metallized, surface printable OPP film designed for pressure sensitive applications where high-sheen metallized appearance and high-speed press performance are desired. The proprietary top-coated metal print surface is designed for scratch resistance and for excellent print receptivity to a broad base of ink chemistries. The coating on the print surface is similar to that on LL539. 50ML580 is compatible with UV flexo, letterpress, screen and offset systems. Additionally, it is compatible with water-based flexo and solvent-based gravure systems. The adhesive surface is uncoated and may require bare roll treatment.



Key Features

- High sheen metal appearance
- Scratch resistant on metal side
- Excellent compatibility with a broad range of ink systems, including UV printing technologies
- Excellent "in-to-out" blocking resistance

General

Availability

- ✓ Latin America
- ✓ North America
- ✓ South America
- ✓ Europe

Features

Applications

- ✓ Health and Beauty Care
- ✓ Household and Detergents
- ✓ Beverage, Alcoholic
- ✓ Beverage, Carbonated
- ✓ Beverage, Mineral Waters

Uses

- ✓ Pressure Sensitive Labels

Appearance

- ✓ Metalized - Clear

Processing Method

- ✓ Solvent Flexographic Printing
- ✓ Solvent Rotogravure Printing
- ✓ Water-based Flexographic Printing
- ✓ UV Offset Lithography Printing
- ✓ UV Flexographic Printing
- ✓ UV Letterpress Printing
- ✓ UV Screen Printing

Revision date

- ✓ July 28, 2014

Properties

Property	Typical Value	Unit	Test Based On
Yield	21.8	m ² /kg	Internal Method
Unit Weight	45.9	g/m ²	Internal Method
Film Thickness	50	μ	Internal Method
Optical Density	2.3		Internal Method
Tensile Strength at Break <i>200 mm/min pull rate, 120 mm jaw separation</i>			
MD	120	Mpa	Internal Method
TD	245	Mpa	Internal Method
Dimensional Stability 135°C / 275°F, 7 min			
MD	-4.0	%	Internal Method
TD	-2.0	%	Internal Method
Elongation at Break <i>200 mm/min pull rate, 120 mm jaw separation</i>			
MD	175	%	Internal Method
TD	65	%	Internal Method
Elastic Modulus			
MD	2000	Mpa	Internal Method
TD	3500	Mpa	Internal Method

Legal Statement

Contact your Jindal Films Customer Service Representative for potential food contact application compliance (e.g. FDA, EU, HPFB). This product is not intended for use in medical applications and should not be used in any such applications.

Processing Statement

- 50ML580 rolls are sensitive to damage from improper handling. The use of a sling is recommended. Avoid direct web contact with the floor or a pallet. Rolls should not be dropped or rolled.
- The coated print surface may not be compatible with all releaser iners. Compatibility testing is strongly recommended.
- This film is not intended for use in unprinted zigzag applications, in which the coated print surface is in contact with itself.
- Recommended storage conditions for coated PSL films are, temperature: 15°C - 30°C (59°F - 85°F); humidity: 40% to 65% RH.

Footnotes

1. Product may not be available in one or more countries in the identified Availability regions. Please contact your Sales Representative for complete country availability.
2. Value refers to base film thickness.

Typical properties: these are not to be construed as specifications.

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