

# Digilyte™ 50LLD110

## Oriented Polypropylene Film

### Product Description

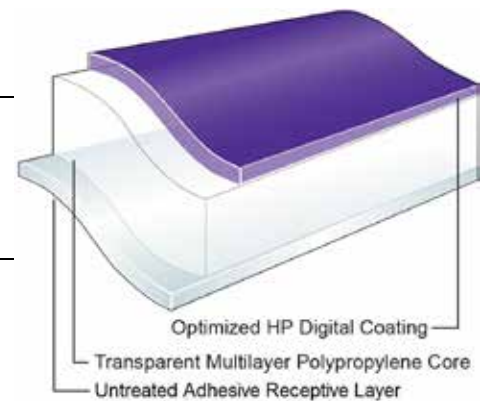
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Digilyte™ 50LLD110 is a pre-optimized film for direct Indigo printing. This premium clear film provides a no-label look for pressure sensitive label decoration.

### Key Features

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- Pre-optimized for HP Indigo Digital presses
- Excellent Indigo electro inks adhesion
- HP Indigo approved '3 stars' coating
- Excellent gloss and transparency
- Food contact approved



### General

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#### Availability

✓ Africa & Middle East

✓ Asia Pacific

✓ Europe

#### Features

✓ ElectroInk Receptive Coated

#### Applications

✓ Labels, Self-Adhesive

#### Uses

✓ Pressure Sensitive Labels

#### Appearance

✓ Clear/Transparent

#### Processing Method

✓ Digital Offset (HP Indigo) Printing

#### Revision date

March 04, 2016

## Properties

| Property   | Typical Value | Unit               | Test Based On   |
|--|---------------|--------------------|-----------------|
| Yield  | 21.6          | m <sup>2</sup> /kg | Internal Method |
| Unit Weight  | 46.3          | g/m <sup>2</sup>   | Internal Method |
| Film Thickness                                     | 50            | μ                  | Internal Method |
| Gloss(45°)   |               |                    |                 |
| Print Surface                                      | 80            |                    | Internal Method |
| Haze   | 1.7           | %                  | Internal Method |
| Tensile Strength at Break                          |               |                    |                 |
| <i>200 mm/min pull rate, 120 mm jaw separation</i> |               |                    |                 |
| MD   | 120           | Mpa                | Internal Method |
| TD   | 270           | 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

- 50LLD110 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.
- Both surfaces of this film are coated and provide outstanding converting performance. Therefore, treatment as part of the converting process is not recommended.
- The coated print surface may not be compatible with all release liners. Compatibility testing is strongly recommended.
- Recommended storage conditions for coated PSL films are, Temperature: 15 degrees C to 30 degrees C (59 degrees F to 86 degrees 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.

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

## Count on Jindal Films

Jindal Films is a leading global OPP film supplier with the broadest range of aqueous coated film solutions for the flexible packaging market. If you're looking to develop innovative flexible packaging solutions, try Digilyte films from Jindal Films.

**Contact your Jindal Films representative for more information**

**[www.jindalfilms.com](http://www.jindalfilms.com)**

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