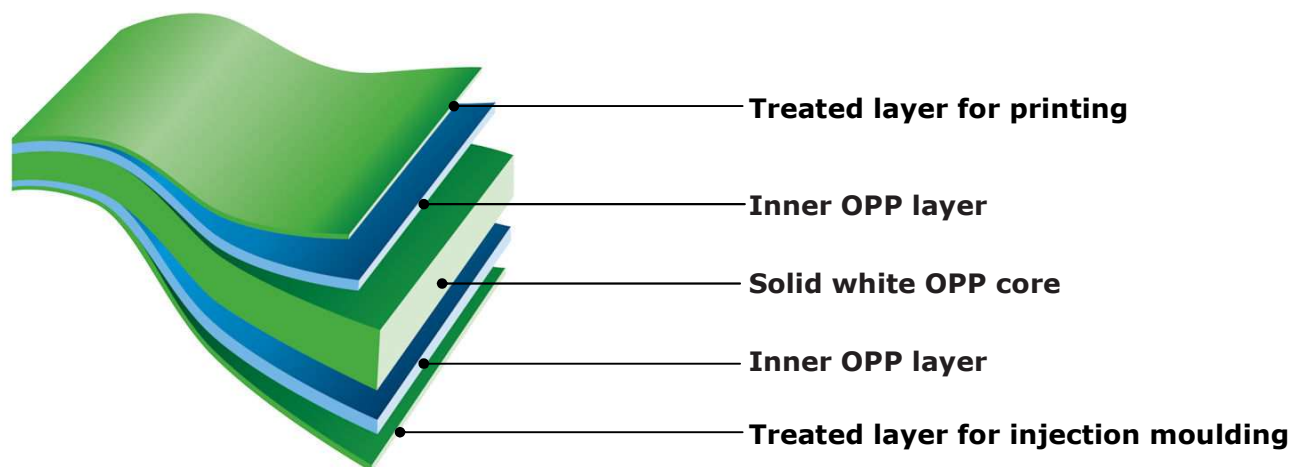




LIW D546

BoPP solid white film, injection - in mould label, both sides treated



PROPERTIES

- High gloss effect after injection moulding
- White appearance
- Good chargeability and antistatic property
- Excellent die cutting

TYPICAL APPLICATIONS

- Injection moulding in mould label (IM-IML)
- Rotogravure, flexographic and off-set printing

ROLL SIZE AVAILABILITY*

| Film | Standard Length (m) | 4x ** (m) | 7x (m) |
|--------------------------------|---------------------|-----------|--------|
| LIW D546 50 | 1,300 | 5,200 | 9,100 |
| Outside diameter - core 76 mm | 305 mm | 588 mm | |
| Outside diameter - core 152 mm | 337 mm | 605 mm | 783 mm |

*Regional availability of roll sizes (multiples of standard length)-please refer to the corresponding Sales Representative

**Length rolls on 152 mm cores will be produced with reduced length in Europe to maintain roll diameters below 600 mm

| Properties | Method | Unit | Ref. | Typical values |
|---------------------|-----------------|--------------------|----------|--------------------|
| Nominal thickness | Internal method | µm | | 50 |
| Unit weight | | g/m ² | | 48.3 |
| Yield | | m ² /kg | | 20.7 |
| Tensile strength | ASTM D882 | N/mm ² | MD TD | 130 250 |
| Elongation at break | | % | MD TD | 150 50 |
| Light transmission | ASTM D1003 | % | | 20.5 |
| Gloss (45°) | ASTM D2457 | Gloss Unit | | 50 (Printing side) |
| Thermal shrinkage | OPMA TC4(a) | % | MD TD | 3.5 2.0 |
| Treatment level | ASTM D2578 | mN/m | | 36÷39 (both sides) |

| Tolerance | | |
|-----------|-----------------|-------|
| Weight | ≤ 1.000 kg | ± 20% |
| | 1.001-10.000 kg | ± 10% |
| | > 10.000 kg | ± 5% |

STORAGE, HANDLING AND APPLICATION

LIW does not require special storage conditions. A storage temperature below 30°C is recommended in order to minimise the deterioration of the film properties in general. It is advisable to turn over the inventory according to the delivery date (first in-first out). The film should be conditioned in the operating environment at least for 24 hours before processing. LIW is suitable for use up to 6 months from the date of production.

INDICATION OF SURFACE TREATMENT

LIW is supplied with treatment on the outside surface (DO) for printing and treatment on the inside surface for injection moulding.

FOOD CONTACT

LIW complies with EC and FDA regulations. Specific documents and MSDS are available on request.

The property values represented in the table do not constitute product specifications, but represent the average or typical values. Use of this information is limited to the specific recipient. While the information is accurate to the best of our knowledge as of the date compiled, it is limited to the information as specified. No representation or warranty, expressed or implied, is made regarding the information, or its completeness or fitness to a particular use. The user is solely responsible for all determinations regarding use and we disclaim liability for any loss or damage that may occur from the use of this information. Ti does not guarantee the typical (or other) values.