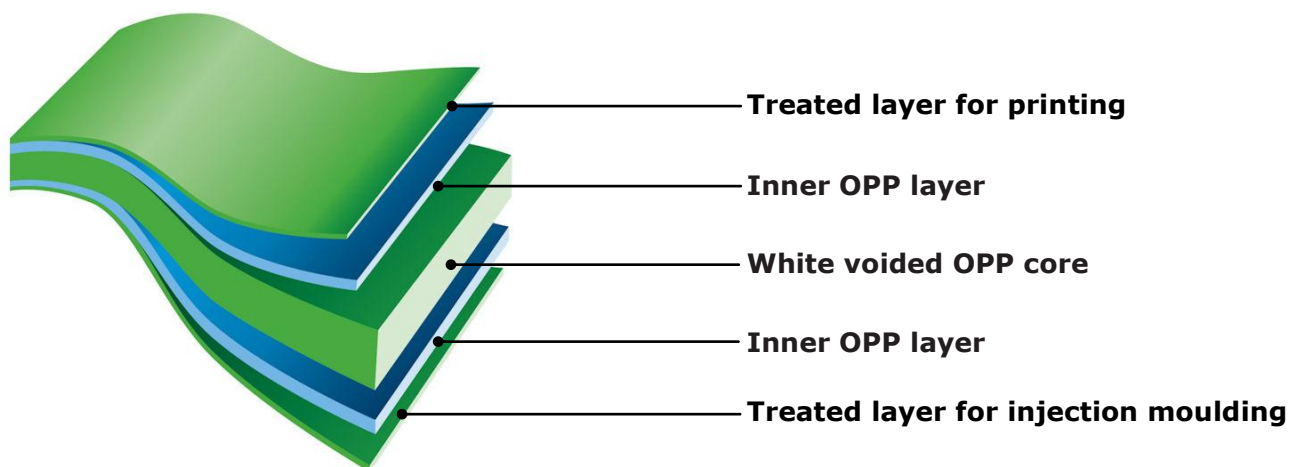




# LIM

**BoPP white voided film, injection - in mould label, very high yield, both sides treated**



## PROPERTIES

- Orange peel after injection moulding
- Very high yield
- White pearlescent appearance
- Good chargeability and antistatic property
- Excellent die cutting

## TYPICAL APPLICATIONS

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

## ROLL SIZE AVAILABILITY\*

Film	Standard Length (m)	4x ** (m)	7x (m)
LIM 45	1,400	5,600	9,800
LIM 55	1,150	4,600	8,050
LIM 60	1,050	4,200	7,350
LIM 65	950	3,800	6,650
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		45	55	60	65
Unit weight		g/m <sup>2</sup>		27.9	34.1	37.2	40.3
Yield		m <sup>2</sup> /kg		35.8	29.3	26.9	24.8
Tensile strength	ASTM D882	N/mm <sup>2</sup>	MD TD	70 130			
Elongation at break		%	MD TD	120 35			
Light transmission	ASTM D1003	%		24	22	20	19
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		38			

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

## STORAGE, HANDLING AND APPLICATION

LIM 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. LIM is suitable for use up to 6 months from the date of production.

## INDICATION OF SURFACE TREATMENT

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

## FOOD CONTACT

LIM 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.