

iLI105

Transparent In-Mold Label Film



TRANSPARENT BOPP FILM

DESCRIPTION :

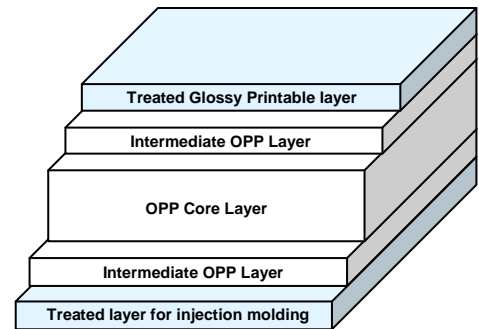
Gulf Pack iLI105 is a BOPP transparent film, injection in-mold label film, both sides treated.

PRODUCT FEATURES:

Transparent appearance
 Good anti-static and stiffness properties
 Outstanding bonding to PP containers

APPLICATIONS:

Injection In-mold labeling
 Gravure, offset and flexo printing methods



PROPERTIES		UNIT	TYPICAL VALUES	TEST METHOD.	
PHYSICAL	Thickness	Microns	55	ASTM D 374	
		Gauge	220		
	Grammage	g/m ²	50.1	*GPIM	
		lbs/ream	30,8		
	Yield	m ² /kg	20.0		
		in ² /lb	14,091		
Density	g/cc	0.91			
Surface Tension	dynes/cm	38 (both side)	ASTM D 2578		
OPTICAL	Gloss (45°)		50 (Printing side)	ASTM D 2457	
MECHANICAL	Tensile Strength at Break	*MD	12.5	ASTM D 882	
		*TD	25.0		
		MD	18,124		
		TD	36,247		
	Elongation at Break	MD	%	200	ASTM D 882
		TD		50	
THERMAL	Thermal Shrinkage	MD	< 4.0	GPIM (120°C (248°F), 5 min, air)	
		TD	< 2.0		

* GPIM – Gulf Pack Internal Method

*MD – Machine Direction

*TD – Transverse Direction

Gulf Pack LI105 films comply with EU Regulation 10/2011/EC and USA FDA Code of Federal Regulations CFR21 section 177.1520 (c) 1.1 and are suitable for use in packaging, carrying and transporting foodstuffs.

The information contained in this technical leaflet illustrates typical values only and are to the best of our knowledge. Since the conditions under which our films may be used are beyond our control, such values are declared without warranty or guarantee.

Bi-axially oriented polypropylene films age with time and will exhibit deterioration of some properties if not stored in a suitable environment at a temperature 30°C or below. We strongly advise our customers to use recommended storage conditions and consume products before 6 months from date of production in our plant.

Gulf Pack LI105 surface treatment indication is on both sides (B).

Detailed advice regarding other specific applications of **Gulf Pack LI105** and other films in the Gulf Pack range is available upon request.