

LW101

Transparent Wrap Around Label Film



TRANSPARENT BOPP FILM

DESCRIPTION:

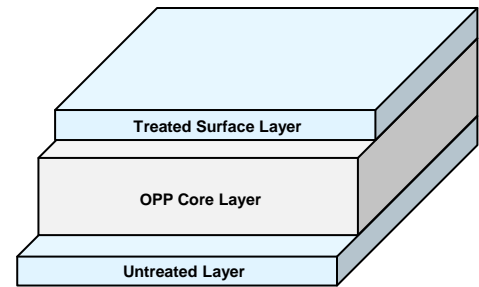
Gulf Pack LW101 is a transparent film developed specifically for wrap around labels for bottling line applications.

PRODUCT FEATURES :

- Good transparency and gloss
- Good mechanical properties
- Good slip and antistatic properties

APPLICATIONS:

- Labels for bottling products
- Rotogravure and flexographic (non-UV) printing



PROPERTIES		UNIT	TYPICAL VALUES						TEST METHOD.	
PHYSICAL	Thickness	Microns	20	30	33	35	38	40	ASTM D 374	
		Gauge	80	120	132	140	152	160		
	Grammage	g/m ²	18.20	27.30	30.03	31.90	34.60	36.40	*GPIM	
		lbs/ream	11.2	16.8	18.5	19.60	21.20	22.40		
	Yield	m ² /kg	54.95	36.63	33.30	31.40	28.92	27.48		
		in ² /lb	38,700	25,800	23,500	22,100	20,400	19,400		
Coefficient of Friction (Film/Film)			0.25						ASTM D 1894	
Surface Tension (Treated Side)		dynes/cm	38						ASTM D 2578	
OPTICAL	Haze	%	2.5						ASTM D 1003	
	Gloss (45°)		85						ASTM D 2457	
MECHANICAL	Tensile Strength at Break	*MD	kg/mm ²	15						ASTM D 882
		*TD		28						
		MD	psi	22,752						
		TD		39,816						
	Elongation at Break	MD	%	170						ASTM D 882
		TD		50						
THERMAL	Thermal Shrinkage	TD	%	< 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 LW101 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 LW101 standard surface treatment location is on the outer side (O); other treatment preference can be arranged upon agreement with the sales representative before order processing.

Detailed advice regarding other specific applications of **Gulf Pack LW101** and other films in the Gulf Pack range is available upon request.