

PIML

Pearlized In-Mold Label Film



DESCRIPTION :

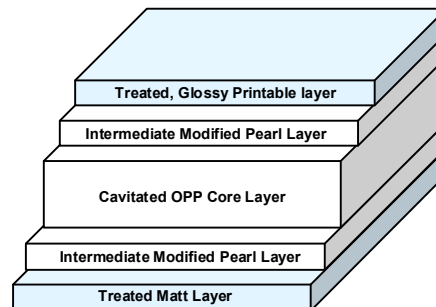
Gulf Pack PIML is a cavitated white Bi-axially oriented polypropylene film, one side Glossy and other side matt, both side treated.

PRODUCT FEATURES:

Excellent machinability.
High gloss in one side and matt on other side.
Good printability
High opacity and high stiffness.
Both Sides treated.

APPLICATIONS:

In-Mold label
Wrap around label



PROPERTIES		UNIT	TYPICAL VALUES		TEST METHOD.
PHYSICAL	Thickness	Microns	60	70	ASTM D 374
		Gauge	240	280	
	Grammage	g/m ²	37.2	43.4	*GPIM
		lbs/ream	22.85	26.66	
	Yield	m ² /kg	26.88	23.04	
		in ² /lb	18,938	16,232	
	Coefficient of Friction (Film/Film)		0.40	ASTM D 1894	
	Surface Tension (Treated Side)	dynes/cm	38	ASTM D 2578	
OPTICAL	Opacity	%	85	ASTM D 589-97	
	Gloss (45°)		95	ASTM D 2457	
MECHANICAL	Tensile Strength at Break	*MD	kg/mm ²	8	ASTM D 882
		*TD		16	
		MD	psi	11,376	
		TD		22,752	
	Elongation at Break	MD	%	135	ASTM D 882
		TD		40	
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 – Transversal Direction

Gulf Pack PIML films comply with the EU Regulation 10/2011/CE and USA FDA Code of federal regulations CFR21 section 177.1520 (c) 1.1 and is suitable for use in packaging, transporting or holding foods.

The information contained in this technical leaflet is to the best of our knowledge & experience. Since the conditions under which our products maybe used are beyond our control, recommendations are made without warranty or guarantee.

Bi-axially oriented polypropylene film aged with time and will exhibit deterioration of properties if it is not stored in a dry environment at a temperature 30°C or below. We highly recommend our customer to use recommended storage condition and consume product before 6 months from date of production in our plant.

Detail advice regarding other specific application of **Gulf Pack PIML** and other films in the Gulf Pack range is available upon request.