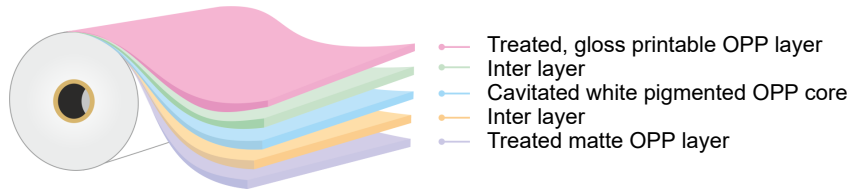


# Label Film In- Mould Label, White

## HST-2(IML) LB85

### Structure



### Description

It is a co-extruded, one side glossy, other side matte and both sides corona treated white opaque Bi-axially Oriented Polypropylene film.

### Features

- High yield
- Excellent machinability
- Printable surface with sparkling gloss
- Matte surface suitable for fusion with PP container
- High opacity & whiteness index
- Good antistatic
- Suitable for Offset, Rotogravure & Flexography printing.

### Applications

- In-mold labels for PP & PE Injection molding

### Typical values

Properties	Ref.	Units	ASTM#/ Test Method	HST-2(IML) LB85	
<b>Physical Data</b>					
Average Thickness		Micron	D-374-C	60	70
		Gauge		240	280
		Mils		2.4	2.8
Thickness Variation		%(±)		5	
Density		g/cc		0.85	
Average substance		g/m <sup>2</sup>		51	59.5
Surface Tension(min)	Both Side	dynes/cm	D-2578	38	
Kinetic COF	M-M		D-1894	0.25-0.35	
Yield		m <sup>2</sup> /Kg	D-4321	19.6	16.8
		in <sup>2</sup> /lb		13780	11811
<b>Optical Data</b>					
Gloss (45°)	Glossy Side	Gardner	D-2457	50-60	
Opacity		%	Hunter Lab D25-2CR	>85	
Whiteness Index		%	E-313	>90	
<b>Mechanical Data</b>					
Tensile Strength	MD	kg/cm <sup>2</sup>	D-882	800-1100	
	TD			1800-2100	
Elongation	MD	%	D-882	150-200	
	TD			30-80	
<b>Thermal Data</b>					
Shrinkage (120°C/248 °F,5 min)	MD	%	D-1204	2.0-4.0	
	TD			1.0-2.0	

CTM : Cosmo Test Method      MD : Machine Direction      TD : Transverse Direction      M : Matte side  
**Disclaimer :** The information provided above is based on COSMO FILMS LTD's conclusive tests, which are indicative only and provided as guidelines.They do not constitute a guarantee of any specific product attributes or the suitability of products for specific applications  
**Storage condition :** Storage temperature to be maintained 25 Deg.C (+/-5 Deg C) & relative humidity 55% (+/-5%) to avoid accelerated reduction of surface treatment level.

### Cosmo Films Limited

1st Floor, Uppal's Plaza, M-6 Jasola District Centre, New Delhi - 110025, India, T: + 91-11-49 49 49 49,  
 E-mail: sales.enquiry@cosmofilms.com | www.cosmofilms.com