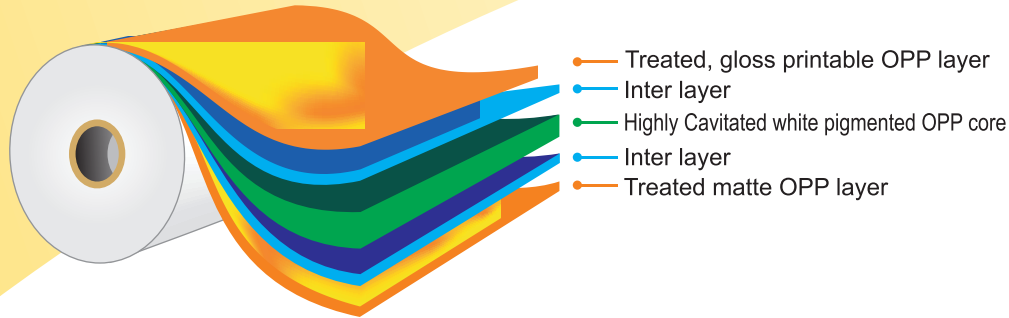


# White Opaque In-Mold Label

## HST-2 (IML) LB 70

### Structure



### Description

It is a co-extruded, one side glossy, other side matte and both sides corona treated highly cavitated 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) LB 70
<b>Physical Data</b>				
Average Thickness		micron	D-374-C	70
		gauge		275.59
		mils		2.75
Thickness Variation		% (±)		5
Average Substance		g/m <sup>2</sup>		49
Wettability (min.)	Glossy	dynes/cm	D-2578	38
Wettability (min.)	Matte			38
Kinetic COF	Matte / Matte		D-1894	0.35 - 0.45
Yield		m <sup>2</sup> /kg	D-4321	20.40
<b>Optical Data</b>				
Gloss (45 °)		gardner	D-2457	> 75
Opacity		%	Hunter Lab(D25-2CR)	> 83
Whiteness Index		%	E-313	> 83
<b>Mechanical Data</b>				
Tensile Strength	MD	kg/ cm <sup>2</sup>	D-882	600 - 900
	TD			1200 - 1600
Elongation	MD	%	D-882	130 - 180
	TD			30 - 80
<b>Thermal Data</b>				
Shrinkage (120 °C, 5 min.)	MD	%	D-1204	2 - 4
	TD			1 - 3

CTM : Cosmo Test Method MD : Machine Direction TD : Transverse Direction

**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.

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