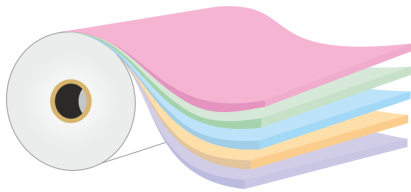


# Label Film In- Mould Label White, Orange Peel Effect

## HST-2(IML) LB55

### Structure



- Treated, gloss printable OPP layer
- Inter layer
- Highly Cavitated white pigmented OPP core
- Inter layer
- Treated matte OPP layer

### 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) LB55		
<b>Physical Data</b>						
Average Thickness		Micron	D-374-C	60	65	70
		Gauge		240	260	280
		Mils		2.4	2.6	2.8
Thickness Variation		%(±)		5		
Density		g/cc		0.55		
Average substance		g/m <sup>2</sup>		33.0	35.7	38.5
Surface Tension(min)	Both Side			38		
Kinetic COF	Matte-Matte		D-1894	0.20-0.35		
Yield		m <sup>2</sup> /Kg	D-4321	30.3	28.0	26.0
		in <sup>2</sup> /lb		21303	19686	18279
<b>Optical Data</b>						
Gloss (45°)	Glossy Side	Gardner	D-2457	60-70		
Opacity		%	Hunter Lab D25-2CR	>83		
Whiteness Index		%	E-313	>90		
<b>Mechanical Data</b>						
Tensile Strength	MD	kg/cm <sup>2</sup>	D-882	500-800		
	TD			1000-1300		
Elongation	MD	%		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

**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.

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