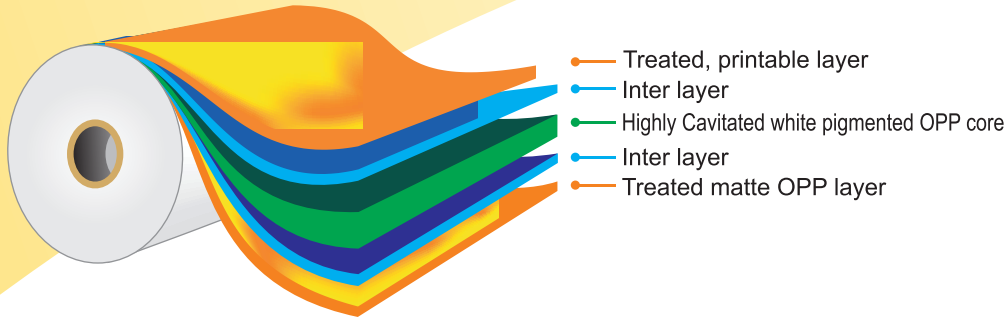


White Opaque In-Mold Label

HST-2 (IML) LB 62

Structure



Description

It is a co-extruded, both sides corona treated highly cavitated white opaque Bi-axially Oriented Polypropylene film.

Features

- High yield
- Excellent machinability
- Orange peel after injection molding
- Matte surface suitable for fusion with PP container
- High opacity & whiteness index
- Good antistatic
- Suitable for rotogravure, flexography and off-set printing

Applications

- In-mold labels for PP Injection molding

Typical Values

Properties	Ref.	Units	Astm # / Test Method	HST-2 (IML) LB 62	
Physical Data					
Average Thickness		micron	D-374-C	55	60
		gauge		216.53	236.22
		mils		2.16	2.36
Thickness Variation		% (±)		5	
Average Substance		g/m ²		34.1	37.2
Wettability (min.)	Printing Surface	dynes/cm	D-2578	38	
Kinetic COF	Matte / Matte		D-1894	0.30 - 0.40	
Yield		m ² /kg	D-4321	29.32	26.88
Optical Data					
Gloss (45 °)		gardner	D-2457	50 (Printing Surface)	
Opacity		%	Hunter Lab(D25-2CR)	> 83	
Whiteness Index		%	E-313	> 83	
Mechanical Data					
Tensile Strength	MD	kg/ cm ²	D-882	600 - 900	
	TD			1200 - 1600	
Elongation	MD	%	D-882	130 - 180	
	TD			30 - 80	
Thermal Data					
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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