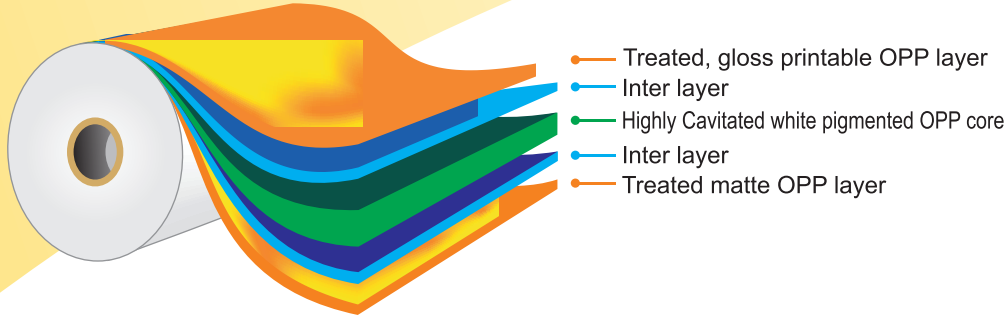


White Opaque In-Mold Label (for Orange Peel effect)

HST-2 (IML) LB 55

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

- Orange peel effect after In-mold labeling
- Very 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 55	
Physical Data					
Average Thickness		micron	D-374-C	65	70
		gauge		255.91	275.59
		mils		2.56	2.75
Thickness Variation		% (±)		5	
Average Substance		g/m ²		35.75	38.50
Wettability (min.)	Glossy	dynes/cm	D-2578	38	
	Matte			38	
Kinetic COF	Matte / Matte		D-1894	0.35 - 0.45	
Yield		m ² /kg	D-4321	27.97	25.97
Optical Data					
Gloss (45 °)		gardner	D-2457	> 75	
Opacity		%	Hunter Lab(D25-2CR)	> 83	
Whiteness Index		%	E-313	> 83	
Mechanical Data					
Tensile Strength	MD	kg/ cm ²	D-882	600-800	
	TD			1100 - 1400	
Elongation	MD	%	D-882	110 - 160	
	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.

Updated as on August -2015

Cosmo Films Limited

B-14/8-9, MIDC, Waluj, Aurangabad 431136 (MS) India. T : +91 240 2554611-14 E : info.abad@cosmofilms.com
Corp. Office : 1008, DLF Tower - A, Jasola District Center, New Delhi 110 025 India. T : +91 11 4949 4949 / 34 E : info.del@cosmofilms.com