

# White Opaque Label

## HST-2 (PLO) LB

### Structure



### Description

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

### Features

- Excellent machinability
- Excellent stiffness
- High gloss on one side and silky matte appearance on other side
- Good printability with solvent based inks
- High opacity
- Excellent skin core adhesion
- Good antistatic

### Applications

- Wrap-around (Cut n Stack) Label
- Pressure Sensitive Labels

### Typical Values

Properties	Ref.	Units	Astm # / Test Method	HST-2 (PLO) LB			
<b>Physical Data</b>							
Average Thickness		micron	D-374-C	60	65	70	75
		gauge		236.2	255.91	275.59	295.27
		mils		2.36	2.56	2.75	2.952
Thickness Variation		(±) %		5			
Average Substance		g/m <sup>2</sup>		42	45.5	49	52.5
Wettability (min.)	Gloss side	dynes/cm	D-2578	38			
	Matte side			38			
Kinetic COF	Matte-Matte		D-1894	0.35 - 0.45			
Yield		m <sup>2</sup> /kg	D-4321	23.8	21.97	20.40	19.04
<b>Optical Data</b>							
Gloss (45 °)		gardner	D-2457	> 75			
Opacity		%	Hunter Lab(D25-2CR)	> 83			
Whiteness Index		%	E-313	> 85			
<b>Mechanical Data</b>							
Tensile Strength	MD	kg/ cm <sup>2</sup>	D-882	700 - 900			
	TD			1300 - 1800			
Elongation	MD	%	D-882	140 - 200			
	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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