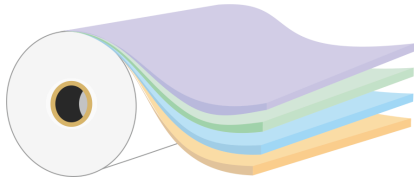


Label Film Wrap Around Label, Metallised White

HST-1(PLO) MO

Structure



- Aluminium layer
- Modified treated, OPP layer
- Voided super white OPP core
- Un-treated, HS OPP layer

Description

It is a co-extruded, one side metallised and other side heat sealable super white opaque Bi-axially Oriented Polypropylene film.

Features

- Outstanding shiny metal appearance
- High optical density
- Excellent stiffness
- Good mould resistance
- Excellent adhesion of aluminum to film
- Excellent machinability
- Low density and high yield
- Good ink adhesion

Applications

- Reel-fed wrap around labels for soft drinks bottles.

Typical values

Properties	Ref.	Units	ASTM#/ Test Method	HST-1(PLO) MO	
Physical Data					
Average Thickness		Micron	D-374-C	35	38
		Gauge		140	152
Thickness Variation		%(±)		5	
Average substance		g/m ²		22.75	24.7
Density		g/cc		0.65	
Kinetic COF	UT-UT		D-1894	0.30-0.40	
Yield		m ² /Kg	D-4321	43.95	40.4
		in ² /lb		30899	28404
Optical Data					
Optical Density			CTM	2.6-2.8	
Mechanical Data					
Tensile Strength	MD	kg/cm ²	D-882	650-850	
	TD			1000-1400	
Elongation	MD	%	D-882	130-180	
	TD			30-80	
Thermal Data					
Shrinkage (120°C/248 °F,5 min)	MD	%	D-1204	2.0-4.0	
	TD			1.0-3.0	
Barrier Data					
MVTR (38°C, 90% RH)		g/m ² /day	F-1249	<0.3	
MVTR (100 °F,90%RH)		g/100 in ² /day	F-1249	<0.02	
OTR (23°C, 0% RH)		cc/m ² /day	D-3985	<100	
OTR (73°F, 0% RH)		cc/100 in ² /day	D-3985	<6.45	

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.

Note : Treatment values in metalized films tend to decay over a period of time during transportation & subjected to storage conditions, hence it is recommended to check the treatment prior to processing & if reduction is observed then go for online treatment, high adhesive GSM & a suitable primer may be applied.

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