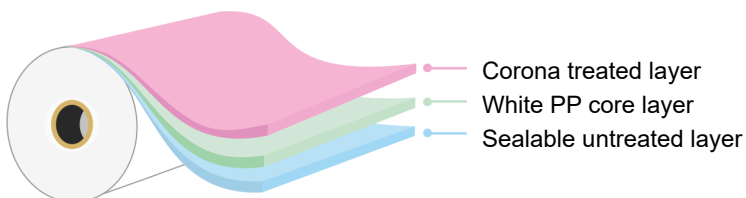


Printing & Pouching White Opaque CPP

HST-1(W) CPP

Structure



Description

It is a co-extruded, Both side heat sealable and one side treated white opaque cast polypropylene film.

Features

- Excellent machinability & consistent slip
- Excellent sealing integrity
- Whiteness eliminates the need for white ink
- Excellent hot tack
- Excellent gloss & improved opacity

Applications

- General purpose lamination & conversion for confectionery packaging
- Overwrap & surface printing

Typical values

Properties	Ref.	Units	ASTM#/ Test Method	HST-1(W) CPP					
Physical Data									
Average Thickness		Micron	D-374-C	20	22	25	30	40	50
		Gauge		80	88	100	120	160	200
		Mils		0.8	0.9	1.0	1.2	1.57	2.0
Thickness Variation		%(±)		5					
Density		g/cc		0.950					
Average substance		g/m ²		19.0	20.9	23.75	28.5	36.2	47.5
Surface Tension(min)	Treated Side	dynes/cm	D-2578	38					
Kinetic COF	UT-UT		D-1894	0.10-0.25					
Yield		m ² /Kg	D-4321	52.6	47.8	42.10	35.1	27.62	21.1
		in ² /lb		37004	33640	29599	24669	19418	14801
Optical Data									
Opacity		%	Hunter Lab D25-2CR	>60					
Mechanical Data									
Tensile Strength	MD	kg/cm ²	D-882	350 - 650					
	TD			180 - 250					
Elongation	MD	%	D-882	> 400					
	TD			> 500					
Thermal Data									
Seal Initiation Temperature	UT-UT	°C / °F	CTM	110 / 230					
Heat Seal Strength(130 °C /266 °F, 2.0 bar-1.0 sec.)	UT-UT	g ² /5mm	CTM	1600	1800	2000	2200	2600	2600
Barrier Data									
MVTR (38°C, 90% RH)		g/m ² /day	F-1249	<13					
MVTR (100 °F,90%RH)		g/100 in ² /day	F-1249	<0.83					
OTR (23°C, 0% RH)		cc/m ² /day	D-3985	<3750					
OTR (73°F, 0% RH)		cc/100 in ² /day	D-3985	242					

CTM : Cosmo Test Method MD : Machine Direction TD : Transverse Direction UT : Untreated
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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