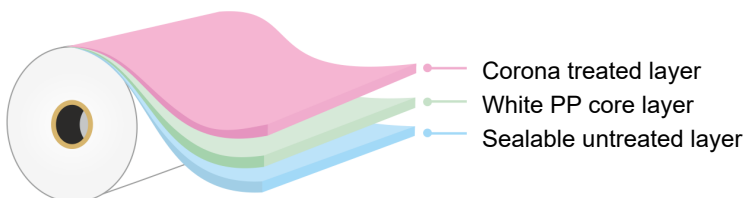


Printing & Pouching White Opaque CPP

HST-1(W) CPP

Structure



Description

It is a co-extruded, one 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	15	20	22	25	30	35	50	
		Gauge		60	80	88	100	120	140	200	
		Mils		0.6	0.8	0.9	1.0	1.2	1.4	2.0	
Thickness Variation		%(±)		5							
Density		g/cc		0.950							
Average substance		g/m ²		14.25	19.0	20.9	23.75	28.5	33.25	47.5	
Surface Tension(min)	Treated Side	dynes/cm	D-2578	38							
Kinetic COF	UT-UT		D-1894	0.15 - 0.30							
Yield		m ² /Kg	D-4321	70.1	52.6	47.8	42.10	35.1	30.07	21.1	
		in ² /lb		49285	37004	33640	29599	24669	21141	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	120 / 248							
Heat Seal Strength(130 °C /266 °F, 2.0 bar-1.0 sec.)	UT-UT	g/25mm	CTM	1300	1600	1800	2000	2200	2400	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.

Cosmo Films Limited

1st Floor, Uppal's Plaza, M-6 Jasola District Centre, New Delhi - 110025, India, T: + 91-11-49 49 49 49,

E-mail: sales.enquiry@cosmofilms.com | www.cosmofilms.com