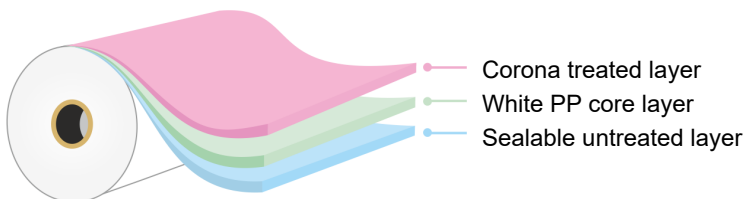


Printing & Pouching White Opaque CPP

HST-1(W) CPP T095

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 T095			
Physical Data							
Average Thickness		Micron	D-374-C	15	20	25	30
		Gauge		60	80	100	120
		Mils		0.6	0.8	1.0	1.2
Thickness Variation		%(±)		5			
Density		g/cc		0.95			
Average substance		g/m ²		14.25	19.0	23.75	28.5
Surface Tension(min)		dynes/cm	D-2578	38			
Kinetic COF	UT-UT		D-1894	0.15 - 0.30			
Yield		m ² /Kg	D-4321	70.17	52.6	42.1	35.1
		in ² /lb		49334	37004	29603	24669
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	95 / 203			
Heat Seal Strength(130 °C /266 °F, 2.0 bar-1.0 sec.)		g/25mm	CTM	1300	1600	2000	2200
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	< 3700			
OTR (73°F, 0% RH)		cc/100 in ² /day	D-3985	< 239			

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

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