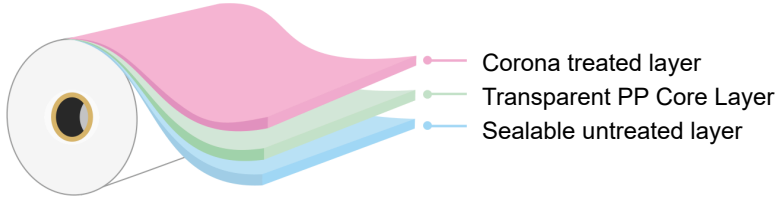


Printing & Pouching Film Transparent CPP, Heat Sealable

HST-1(P/L) CPP

Structure



Description

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

Features

- Excellent machinability
- Low COF for high speed packaging.
- High heat seal strength
- Good Hot Tack
- Good optical properties

Applications

- Packaging of snacks and confectionary
- Lamination & single ply application

Typical values

Properties		Ref.	Units	ASTM# / Test Method		HST-1(P/L) CPP									
Physical Data															
Average Thickness	Micron	D-	20	22	23	25	30	35	40	45	50	55	60	70	
	Gauge	374-	80	88	92	100	120	140	160	180	200	220	240	280	
	Mils	C	0.8	0.9	0.9	1.0	1.2	1.4	1.6	1.77	2.0	2.16	2.36	2.75	
Thickness Variation	%(±)		5												
Density	g/cc		0.905												
Average substance	g/m ²		18.10	19.91	20.81	22.63	27.15	31.68	36.20	40.72	45.25	49.77	54.3	63.35	
Surface Tension(min)	dynes/cm	D-2578	38												
Kinetic COF	UT-UT	D-1894	0.15-0.30												
Yield	m ² /Kg	D-	55.25	50.23	48.05	44.20	36.83	31.57	27.62	24.55	22.10	20.09	18.41	15.78	
	in ² /lb	4321	38844	35312	33782	31075	25896	22196	19422	17260	15537	14124	12943	11094	
Optical Data															
Gloss (45°)	Gardner	D-2457	75-80	75-80	70-80	70-80	70-75	70-75	70-75	70-75	70-75	70-75	70-75	70-75	
Haze	%	D-1003	2.5-4.5	2.5-4.5	2.5-4.5	2.5-4.5	4.0-5.5	4.0-5.5	4.0-5.5	4.0-5.5	4.0-5.5	4.0-5.5	4.0-5.5	4.0-5.5	
Mechanical Data															
Tensile Strength	MD	kg/cm ²	D-882	350-650											
	TD			180-250											
Elongation	MD	%	D-882	350-550											
	TD			500-600											
Thermal Data															
Seal Initiation Temperature	UT-UT	°C / °F	CTM	110/230											
Heat Seal Strength (min.)	UT	g/25 mm	CTM	1600	1800	1800	2000	2200	2400	2600	2800	2800	2900	3000	3200
Barrier Data															
MVTR (38°C, 90% RH)	g/m ² /day	F-1249	<12	<13	<13	<13	<10	<9	<9	<9	<8	<8	<8	<8	
OTR (23°C, 0% RH)	cc/m ² /day	F-3985	<3700	<3700	<3700	<3700	<3600	<3550	<3500	<3500	<3500	<3500	<3500	<3500	

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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.