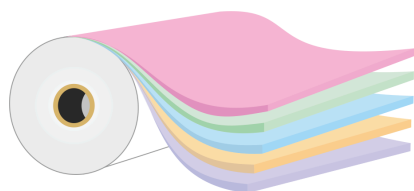


Printing & Pouching Film Pearllised, Heat Sealable

HST-1(PL)

Structure



- Slip modified, HS OPP layer
- Inter layer
- Cavitated pearllised OPP core
- Inter layer
- Treated slip modified HS OPP layer

Description

It is a co-extruded, pearllised, one side treated and both sides heat sealable Bi-axially Oriented Polypropylene film.

Features

- Pearllacent look
- Excellent machinability
- Low density and high yield
- Improved barrier to normal and UV Light

Applications

- General purpose printing and pouching
- Ideal for snack food and confectionery packaging

Typical values

Properties	Ref.	Units	ASTM# Test Method	HST-1(PL)				
Physical Data								
Average Thickness		Micron	D-374-C	20	25	30	35	40
		Gauge		80	100	120	140	160
		Mils		0.8	1.0	1.2	1.4	1.6
Thickness Variation		%(±)		5				
Density		g/cc		0.70				
Average substance		g/m ²		14.0	17.5	21.0	24.5	27.5
Surface Tension(min)		dynes/cm	D-2578	38				
Kinetic COF	UT-UT		D-1894	0.25-0.40				
Yield		m ² /Kg	D-4321	71.4	57.1	47.6	40.8	36.3
		in ² /lb		50199	40145	33466	28697	25521
Optical Data								
Gloss (45°)	Both Side	Gardner	D-2457	50 - 60				
Opacity		%	Hunter Lab D25-2CR	65 - 70	65 - 70	65 - 70	70 - 75	70 - 75
Whiteness Index		%	E-313	> 80				
Mechanical Data								
Tensile Strength	MD	kg/cm ²	D-882	500-700				
	TD			1100-1500				
Elongation	MD	%	D-882	115-150				
	TD			25-40				
Thermal Data								
Shrinkage (120°C/248 °F,5 min)	MD	%	D-1204	3.0-4.5				
	TD			1.0-3.0				
Seal Initiation Temperature		°C / °F	CTM	105 / 221				
Heat Seal Strength (min.)		g/25 mm	CTM	350				
Barrier Data								
MVTR (38°C, 90% RH)		g/m ² /day	F-1249	<7.0	<6.0	<5.0	<4.0	<3.5

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.

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