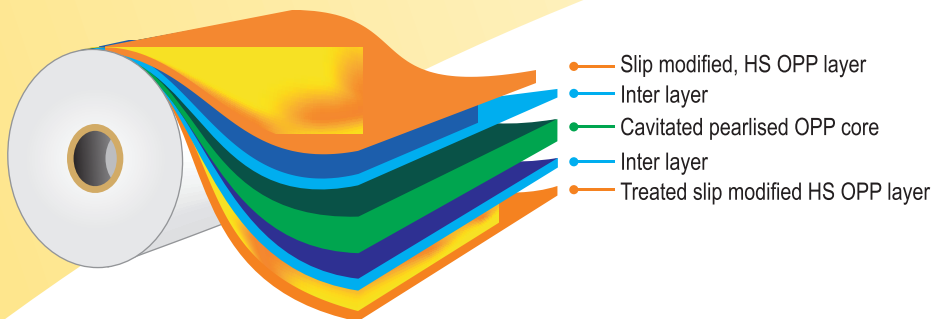


Printing pouching (Pearlised film)

HST-1 (PL)

Structure



Description

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

Features

- Pearlacent 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	25	28	30	35	38	40
		gauge		98.43	110.23	118.11	137.80	149.60	157.48
		mils		0.98	1.10	1.18	1.38	1.49	1.57
Thickness Variation		% (±)		5					
Density		g/cc		0.70					
Average Substance		g/m ²		17.5	19.6	21.0	24.0	26.6	27.5
Wettability (min.)		dynes/cm	D-2578	38					
Kinetic COF	UT - UT		D-1894	0.25 – 0.35					
Yield		m ² /kg	D-4321	57.14	51.02	47.61	41.66	37.59	36.36
Optical Data									
Gloss (45 °)		gardner	D-2457	45 – 50					
Opacity		%	Hunter Lab(D25-2CR)	70 – 75			75 – 80		
Whiteness Index		%	E-313	83 – 88					
Mechanical Data									
Tensile Strength	MD	kg/ cm ²	D-882	500 – 800					
	TD			1000 – 1400					
Elongation	MD	%·8	D 82	115 – 155					
	TD			25 – 50					
Thermal Data									
Shrinkage (120 °C, 5 min.)	MD	%	D-1204	2 – 4					
	TD			1 – 3					
Seal Initiation Temp.		°C	CTM	105					
Heat Seal Strength (min.)		g/25 mm	CTM	350	350	350	375	375	375
Barrier Data									
MVTR (38 °C, 90%RH)		g/m ² /day	F-1249	6.0	5.5	5	4	3.8	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.

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