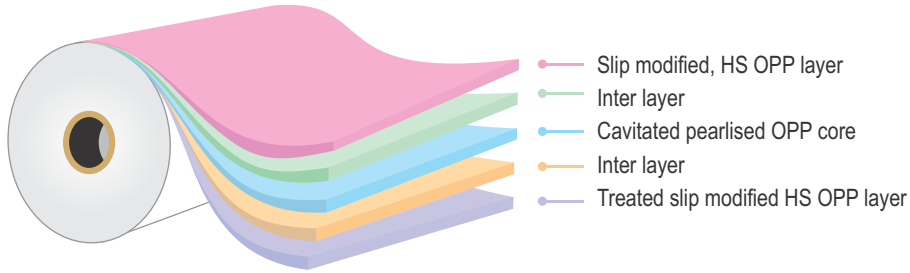


# Printing & Pouching Film Pearlised, Heat Sealable

## HST-1 (PL) HS

### 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	38 HST-1 (PL) HS
<b>Physical Data</b>				
Average Thickness		micron	D-374-C	38
		gauge		152
		mils		1.5
Thickness Variation		% (±)		5
Density		g/cc		0.73
Average Substance		g/m <sup>2</sup>		27.7
Wettability (min.)		dynes/cm	D-2578	38
Kinetic COF	UT - UT		D-1894	0.20 - 0.30
Yield		m <sup>2</sup> /kg	D-4321	36.0
<b>Optical Data</b>				
Gloss (45 °)		gardner	D-2457	> 80
Opacity		%	Hunter Lab(D25-2CR)	> 70
Whiteness Index		%	E-313	> 85
<b>Mechanical Data</b>				
Tensile Strength	MD	kg/ cm <sup>2</sup>	D-882	700 - 900
	TD			1300 - 1800
Elongation	MD	%	D-882	150 - 220
	TD			20 - 40
<b>Thermal Data</b>				
Shrinkage (120 °C, 5 min.)	MD	%	D-1204	3.0 - 4.0
	TD			1.0 - 2.0
Seal Initiation Temp.		°C	CTM	105
Heat Seal Strength (min.)		g/25 mm	CTM	450

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.

Updated as on Sept-2023

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