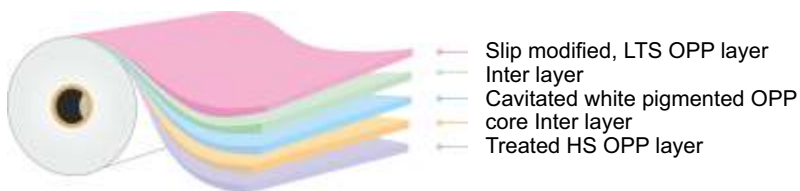


# Printing & Pouching Film Pearlescent, Low SIT, Heat Sealable

## HST-1(DBW)UL

### Structure



### Description

It is a co-extruded, white cavitated, one side corona treated and other side slip modified, low temperature sealable Bi-axially Oriented Polypropylene film

### Features

- Wide temperature heat sealing window for high speed packaging
- Sparkling gloss for excellent package presentation
- Uniform and low slip
- Excellent machinability
- Low density and high yield
- High barrier to normal and UV Light
- Good printability in flexographic and rotogravure printing

### Applications

- High speed packaging with superb aesthetic appeal
- Ideal for snack food and confectionery packaging

### Typical values

Properties	Ref.	Units	ASTM# / Test Method	HST-1(DBW)UL
<b>Physical Data</b>				
Average Thickness		Micron		38
		Gauge	D-374-C	152
		Mils		1.5
Thickness Variation		%(±)		5
Average substance		g/m <sup>2</sup>		27.74
Density		g/cc		0.73
Surface Tension(min)		dynes/cm	D-2578	38
Kinetic COF	UT-UT		D-1894	0.25-0.35
Yield		m <sup>2</sup> /Kg	D-4321	36.0
		in <sup>2</sup> /lb		25345
<b>Optical Data</b>				
Gloss (45°)		Gardner	D-2457	>90
Opacity		%	Hunter Lab D25-2CR	>80
Whiteness Index		%	E-313	>80
<b>Mechanical Data</b>				
Tensile Strength	MD	kg/cm <sup>2</sup>	D-882	650-850
	TD			1300-1700
Elongation	MD	%	D-882	140-200
	TD			30-70
<b>Thermal Data</b>				
Shrinkage (120°C/248 °F,5 min)	MD	%	D-1204	3.0 - 5.0
	TD			1.0 - 3.0
Seal Initiation Temperature	UT-UT	°C / °F	CTM	95/203
Heat Seal Strength (min.)	UT	g/25 mm	CTM	500
<b>Barrier Data</b>				
MVTR (38°C, 90% RH)		g/m <sup>2</sup> /day	F-1249	<3.0

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 **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.

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