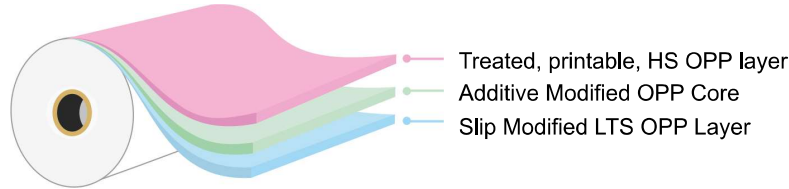


# Printing & Pouching Film Transparent - Low COF & Low SIT, Heat Sealable

## HST-1(LCF) T085

### Structure



### Description

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

### Features

- Excellent machinability
- Good ink adhesion
- High heat seal strength
- Good optical properties
- Seals at very low temperature, hence broader heat seal temperature range
- Low COF throughout printing & laminating process

### Applications

- General purpose printing, pouching of snacks, bakery products
- As a component in multi-layer laminate for VFFS & HFFS application

### Typical values

Properties	Ref.	Units	ASTM#/ Test Method	HST-1(LCF) T085
<b>Physical Data</b>				
Average Thickness		Micron	D-374-C	18
		Gauge		72
		Mils		0.7
Thickness Variation		%( $\pm$ )		3
Density		g/cc		0.905
Average substance		g/m <sup>2</sup>		16.3
Surface Tension(min)		dynes/cm	D-2578	38
Kinetic COF	UT-UT		D-1894	0.20-0.30
Yield		m <sup>2</sup> /Kg	D-4321	61.3
		in <sup>2</sup> /lb		43098
<b>Optical Data</b>				
Gloss (45°)		Gardner	D-2457	>85
Haze		%	D-1003	2.0-2.5
<b>Mechanical Data</b>				
Tensile Strength	MD	kg/cm <sup>2</sup>	D-882	1200-1500
	TD			2500-2800
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			1.0-2.5
Heat Seal Strength (min.)		g/25 mm	CTM	425
<b>Barrier Data</b>				
MVTR (38°C, 90% RH)		g/m <sup>2</sup> /day	F-1249	<7.0

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.

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