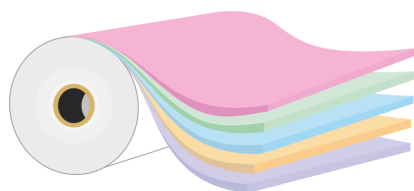


Printing & Pouching Film Pearllised, Low SIT, Heat Sealable

HST-1 (PL) T095

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) T095
Physical Data				
Average Thickness		Micron	D-374-C	25
		Gauge		100
		Mils		1.0
Thickness Variation		%(±)		5
Density		g/cc		0.70
Average substance		g/m ²		17.5
Surface Tension(min)	Treated Side	dynes/cm	D-2578	38
Kinetic COF	UT-UT		D-1894	0.25 - 0.35
Yield		m ² /Kg	D-4321	57.1
		in ² /lb		40145
Optical Data				
Gloss (45°)		Gardner	D-2457	50 - 60
Opacity		%	Hunter Lab D25-2CR	70 - 75
Whiteness Index		%	E-313	> 83
Mechanical Data				
Tensile Strength	MD	kg/cm ²	D-882	500 - 700
	TD			1100 - 1500
Elongation	MD		D-882	120 - 170
	TD			20 - 60
Thermal Data				
Shrinkage (120°C/248 °F,5 min)	MD	%	D-1204	3.0 - 4.5
	TD			1.0 - 3.0
Seal Initiation Temperature	UT-UT	°C / °F	CTM	95 / 203
Heat Seal Strength (min.)	UT	g/25 mm	CTM	350
Barrier Data				
MVTR (38°C, 90% RH)		g/m ² /day	F-1249	<6.0

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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