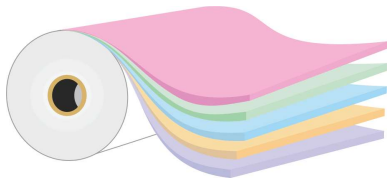


Printing & Pouching Film White Opaque, Heat Sealable

HST-1(W) T095

Structure



- Slip modified, LTS OPP layer
- White pigmented Inter layer
- White pigmented OPP core
- White pigmented Inter layer
- Treated HS OPP layer

Description

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

Features

- Excellent machinability with good seal strength
- Excellent aesthetics
- High whiteness index
- Good barrier to normal and UV Light

Applications

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

Typical values

Properties	Ref.	Units	ASTM#/ Test Method	HST-1(W) T095
Physical Data				
Average Thickness		Micron	D-374-C	35
		Gauge		140
		Mils		1.4
Thickness Variation		%(±)		3
Density		g/cc		0.95
Average substance		g/m ²		33.2
Surface Tension(min)		dynes/cm	D-2578	38
Kinetic COF	UT-UT		D-1894	0.30 - 0.40
Yield		m ² /Kg	D-4321	30.1
		in ² /lb		21177
Optical Data				
Gloss (45°)		Gardner	D-2457	45 - 55
Opacity		%	Hunter Lab D25-2CR	75-80
Whiteness Index		%	E-313	>80
Mechanical Data				
Tensile Strength	MD	kg/cm ²	D-882	1000 - 1300
	TD			2200 - 2500
Elongation	MD	%	D-882	150-220
	TD			25 - 55
Thermal Data				
Shrinkage (120°C/248 °F,5 min)	MD	%	D-1204	2.0 - 4.0
	TD			1.0 - 3.0
Seal Initiation Temperature		°C / °F	CTM	95 / 203
Heat Seal Strength(135 °C /275 °F, 2.0 bar-0.5 sec.)		g/25mm	CTM	475
Barrier Data				
MVTR (38°C, 90% RH)		g/m ² /day	F-1249	<4.0
MVTR (100 °F,90%RH)		g/100 in ² /day	F-1249	< 0.25

CTM : Cosmo Test Method MD : Machine Direction TD : Transverse Direction UT : Untreated Note : Seal Initiation Temp. & Heat seal is at UT side

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.

Note: Seal strength & Heat seal strength is at UT side.

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