

Printing & Pouching Film Matte, Low SIT, Heat Sealable

HST-1(SM) T105

Structure



Description

It is a co-extruded, one side sealable matte, other side corona treated heat sealable Bi-axially Oriented Polypropylene film

Features

- Anti skid
- Lap sealable
- Low seal initiation (SIT) Temperature
- Excellent machinability
- High haze for natural look
- Good ink adhesion on glossy side
- Good contact clarity
- Good moisture barrier
- Low static charge

Applications

- Lamination with PP Woven sack for pet food packaging

Typical values

Properties	Ref.	Units	ASTM# / Test Method	HST-1(SM) T105
Physical Data				
Average Thickness		Micron	D-374-C	20
		Gauge		80
		Mils		0.8
Thickness Variation		%(±)		3
Density		g/cc		0.84
Average substance		g/m ²		16.8
Surface Tension(min)	Glossy	dynes/cm	D-2578	38
Kinetic COF	M-M		D-1894	0.45-0.55
Yield		m ² /Kg	D-4321	59.5
		in ² /lb		41832
Optical Data				
Gloss (45°)	Matte	Gardner	D-2457	7.0-10.0
Haze		%	D-1003	>65
Mechanical Data				
Tensile Strength	MD	kg/cm ²	D-882	1000-1400
	TD			2400-2800
Elongation	MD	%	D-882	140-200
	TD			30-70
Thermal Data				
Shrinkage (120°C/248 °F,5 min)	MD	%	D-1204	3.0-5.0
	TD			1.0-3.0
Seal Initiation Temperature		°C / °F	CTM	105/221
Heat Seal Strength (min.)		g/25 mm	CTM	450

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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