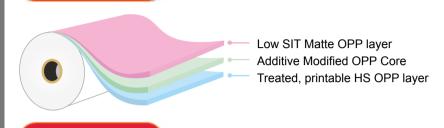
Printing & Pouching Film Matte, Low SIT, Heat Sealable

HST-1(SM) T105

Structure



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

Features

Description

- Anti skid
- Lap sealable
- Low seal initation (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/m²		16.8
Surface Tension(min)	Glossy	dynes/cm	D-2578	38
Kinetic COF	M-M		D-1894	0.45-0.55
Yield		m²/Kg	D 4004	59.5
		in²/lb	D-4321	41832
		Optical Da	ta	
Gloss (45°)	Matte	Gardner	D-2457	7.0-10.0
Haze		%	D-1003	>65
Mechanical Data				
Tensile Strength	MD	kg/cm²	D-882	1000-1400
	TD			2400-2800
Elongation	MD	%	D-882	140-200
	TD			30-70
		Thermal Da	ita	
Shrinkage	MD	%	D-1204	3.0-5.0
(120°C/248 °F,5 min)	TD			1.0-3.0
Seal Initiation Temperature		°C / °F	СТМ	105/221
Heat Seal Strength (min.)		g/²5 mm	СТМ	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.

Cosmo Films Limited