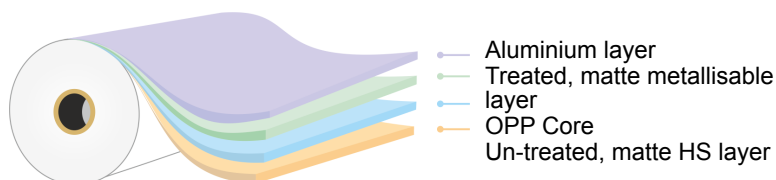


Printing & Pouching Film Metallised Matte, Heat Sealable

HST-1(MTM) MO

Structure



Description

It is a co-extruded, one side metallised matte surface and other side heat sealable matte Bi-axially Oriented Polypropylene film.

Features

- Good oxygen & moisture barrier
- Excellent machinability

Applications

- As a single web or a laminate for snack food & confectionery packaging application

Typical values

Properties	Ref.	Units	ASTM#/ Test Method	HST-1(MTM) MO
Physical Data				
Average Thickness		Micron	D-374-C	18
		Gauge		72
		Mils		0.7
Thickness Variation		%(±)		3
Density		g/cc		0.88
Average substance		g/m ²		15.8
Kinetic COF	UT-UT		D-1894	0.35 – 0.45
Yield		m ² /Kg	D-4321	63.3
		in ² /lb		44498
Optical Data				
Optical Density			CTM	2.0 - 2.2
Mechanical Data				
Tensile Strength	MD	kg/cm ²	D-882	1200 - 1500
	TD			2400 - 2800
Elongation	MD	%	D-882	140 - 200
	TD			30 - 80
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	110 / 230
Heat Seal Strength(135 °C /275 °F, 2.0 bar-0.5 sec.)		g/25mm	CTM	450
Barrier Data				
MVTR (38°C, 90% RH)		g/m ² /day	F-1249	<0.4
MVTR (100 °F,90%RH)		g/100 in ² /day	F-1249	<0.025
OTR (23°C, 0% RH)		cc/m ² /day	D-3985	<60
OTR (73°F, 0% RH)		cc/100 in ² /day	D-3985	<3.87

CTM : Cosmo Test Method MD : Machine Direction TD : Transverse Direction UT : Untreated 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 : Treatment values in metalized films tend to decay over a period of time during transportation & subjected to storage conditions, hence it is recommended to check the treatment prior to processing & if reduction is observed then go for online treatment, high adhesive GSM & a suitable primer may be applied.

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