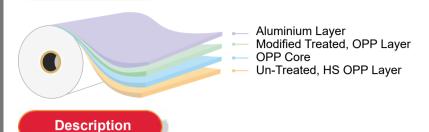
Printing & Pouching Film Metallised, Oxo Biodegradable, Heat Sealable

HST-1(OBD) MO

Structure



It is a coextruded, one side metallised and other side heat sealable Bi-axially Oriented Polypropylene film.

Features

- OXO-biodegredable within 2 to 2.5 years
- Outstanding metal appearance
- Excellent metal adhesion to film
- Very good barrier to moisture and light
- Good gas barrier
- High heat seal strength

Applications

- As a single web or laminate for snack food packaging application
- Inner seal web in multi-layer laminate

Special Instruction

Updation Date: 2023-Jun-03

Typical values

Properties	Ref.	Units	ASTM#/ Test Method	HST-1(OBD) MO
Physical Data				
Average Thickness		Micron	D-374-C	15
		Gauge		60
		Mils		0.6
Thickness Variation		%(±)		3
Density		g/cc		0.905
Average substance		g/m²		13.57
Kinetic COF	UT-UT		D-1894	0.25-0.35
Yield		m²/Kg	D-4321	73.7
		in²/lb		51816
Optical Data				
Optical Density			СТМ	2.0-2.3
Mechanical Data				
Tensile Strength	MD	kg/cm² D-8	D 002	1200-1500
	TD		D-882	2500-2800
Elongation	MD	%	D-882	140-190
	TD			30-70
Thermal Data				
Seal Initiation Temperature		°C / °F	CTM	105 / 221
Heat Seal Strength(135 °C /275 °F, 2.0 bar-0.5 sec.)		g/²5mm	СТМ	400
Shrinkage	MD	%	D-1204	3.5 - 4.5
(120°C/248 °F,5 min)	TD			1.0 - 2.0
Barrier Data				
MVTR (38°C, 90% RH)		g/m²/day	F-1249	<0.8
OTR (23°C, 0% RH)		cc/m²/day	D-3985	<100

CTM: Cosmo Test Method

MD : Machine Direction

TD : Transverse Direction

NM : Non Metal 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. # SIT & Heat seal strength is mentioned for NM - NM

Cosmo Films Limited

1st Floor, Uppal's Plaza, M-6 Jasola District Centre, New Delhi - 110025, India, T: + 91-11-49 49 49 49, E-mail: sales.enquiry@cosmofilms.com I www.cosmofilms.com