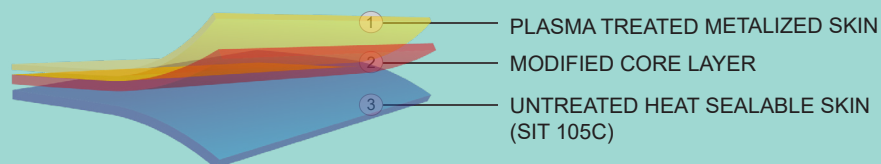




HEAT SEALABLE BOPP LSMM

BOPP LSMM - is coextruded one side plasma treated metalized, other side low heat sealable BOPP film suitable for 2 ply laminate for packaging applications. StockPKG Films BOPP LSMM complies with FDA and EC regulations for food packaging applications.

One side plasma treated Metalized other heat sealable at 105 C.



FEATURES:

- Excellent heat seal strength & surface gloss on metalized side
- Good barrier properties
- Good anchorage of lamination adhesive on metalized side
- Good Metal Bond Strength & Machinability
- Good Hot-Tack and Seal Strength

APPLICATIONS:

2 ply laminate for high speed snacks food packaging

PROPERTIES	TEST METHOD	UNIT	LSMM15	LSMM18	LSMM20	LSMM25	LSMM30	LSMM35	LSMM40	LSMM50
Nominal Thickness	StockPKG Method	Micron	15	18	20	25	30	35	40	50
Grammage	StockPKG Method	Gauge	60	72	80	100	120	140	160	200
Yield	StockPKG Method	gm / m2	13.6	16.4	18.2	22.7	27.3	31.8	36.4	45.5
		m2 / kg	73.2	61	55	44	36.6	31.4	27.5	22
Optical Density (Min)	ASTM D 1003	-	2	2	2	2	2	2	2	2
Coefficient of Friction	ASTM D 1894	Kinetic	UT/UT	.38	.38	.38	.38	.38	.38	.38
Tensile Strength	ASTM D 882	kg / cm2	MD	1200	1200	1200	1200	1200	1200	1200
			TD	2400	2400	2400	2400	2400	2400	2400
Elongation (Tolerance ±15%)	ASTM D 882	%	MD	200	200	200	200	200	200	200
			TD	60	60	60	60	60	60	60
Shrinkage at 120°C for 5 Minutes	StockPKG Method	%	MD	4	4	4	4	4	4	4
			TD	2	2	2	2	2	2	2
SIT @ 2 bar pressure, time1 second (Tolerance ±2°C)	StockPKG Method	0C	UT/UT	105	105	105	105	105	105	105
HS Strength @ 120°C, 2 Bar pressure, dwell time 1 sec.	StockPKG Method	gm / 25mm	UT/UT	325	350	400	400	450	450	450
WVTR at 38°C,90%RH	ASTM F 1249	gm / m2 / 24h		.90	.80	.70	.65	.60	.55	.50
		gm / 100Inch2 / 24h		.058	.051	.045	.041	.038	.035	.032
OTR at 23°C,0% RH	ASTM D 3985	cc / m2 / 24h		90	85	80	75	65	60	60
		cc / 100Inch2 / 24h		5.8	5.5	5.2	4.8	4.2	3.9	3.9

* MD = Machine Direction, * TD = Transverse Direction

Storage & Handling: Needs to be stocked in a closed warehouse & should not be exposed to direct sun light or light sources. Avoid extreme of humidity and heat. It is recommended to store below 40°C in dry places in original packing.

Food Contact: Complies with EC (EU 202/2014 & EU 10/2011) and FDA (21 CFR § 175.105 & 21 CFR § 175.300) regulations on packaging for direct contact with foodstuffs. Specific document and MSDS are available on request.

Disclaimer: The information given above is to the best of our knowledge and experience. Some of the properties can be changed as a result of suppliers' efforts to improve upon the quality or production efficiency of the subject. The information is believed to be true and accurate and is not intended to violate any statutory condition or right of a third party. StockPKG makes no warranty, express or implied, as to the fitness of the product for any specific use or purpose. The above data is purely for readers' consideration, investigation and verification and should be read in conjunction with the conditions for sale or contract.