

METALLIZED NON HEAT SEALABLE SANDWICH LAYER BOPP FILM



VACUUM METALLIZED NON HS LAYER
MODIFIED TRANSPARENT INNER LAYER
CORE LAYER
CORONA TREATED NON HS LAYER

DESCRIPTION :
METALLIZED NON HEAT SEALABLE BOPP FILM WITH BOTH SIDE CORONA TREATMENT FOR SANDWICH LAYER

SALIENT FEATURES

- Excellent Metal Appearance
- Good Metal Adhesion
- Good Lamination Bond
- Good Anchorage of Lamination Adhesive on
- Metallized Side as well as Corona Treated Side
- Good Dimensional Stability

APPLICATION

- Sandwich Layer for Three Ply Pack Structure for Biscuits / Cookies / Crackers / Confectionary Pouches

Properties	Test Methods	Unit	Typical Values			
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PHYSICAL

Thickness	ASTM D374	Micron (±3%)	15	18	20	25
		(Gauge)	60	72	80	100
Grammage	SPLTM	gm/m ²	13.7	16.4	18.2	22.8
Yield	SPLTM	m ² /kg	73.3	61.1	54.9	44.0
		in ² /lb	51507	42922	38630	30904
Density	SPLTM	gm/cc	0.91			

OPTICAL

Optical Density (Tolerance ±5%)	SPLTM	-	2.0-2.2			
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MECHANICAL

Tensile Strength at Break	ASTM D882	kg/cm ²	MD	1250		
			TD	2500		
Elongation at Break	ASTM D882	%	MD	160		
			TD	60		

THERMAL

Linear Shrinkage (120°C/5min)	ASTM D1204	%	MD	6.0		
			TD	3.0		
Heat Seal Initiation Temperature (SIT)	SPLTM	°C	-			
Heat Seal Strength	SPLTM	gms/25mm	-	-	-	-

BARRIER

Water Vapour Transmission Rate (38°C & 90% RH)	ASTM F-1249	g/m ² /day	1.1	1.1	1.0	1.0
Oxygen Gas Transmission Rate (23°C & 0% RH)	ASTM D-3985	cc/m ² /day	110	110	100	90

DISCLAIMER

The specified values are based on average results, measured by the manufacturer during standard production. They should not be considered as Data Sheet of any particular product. The user is solely responsible for all determinations by the application of this information or the safety and suitability of our products, either alone or in combination with other products. Satyendra Packaging Ltd disclaims any liability for damages arising from the non-suitability of the product for the effected application.

Food Contact

The BOPP Film complies with all national and international standards and requirements for food contact. Specific declaration of compliances are available upon request.

Storage & Handling

The products should be stored at temperature of 10-30 deg C and a low humidity (below 70% RH) in dry & covered warehouse for longer shelf life.

SPLTM : SATYENDRA PACKAGING LTD TEST METHOD
ASTM : AMERICAN SOCIETY FOR TESTING AND MATERIALS

MD : MACHINE DIRECTION
TD : TRANSVERSE DIRECTION

UTR : UNTREATED