

METALLIZED BOPP OF NON HEAT SEALABLE FILM



VACUUM METALLIZED LAYER
MODIFIED TRANSPARENT INNER LAYER
CORE LAYER
UNTREATED NON HEAT SEALABLE LAYER

DESCRIPTION :
METALLIZED NON HEAT SEALABLE BOPP FILM FOR PRINTING & WRAPPING

SALIENT FEATURES

- Excellent Metal Appearance
- Good Metal Adhesion
- Good Dimensional Stability
- Excellent Printability on High Speed m/c with High Ink Adhesion

APPLICATION

- Decorative Applications (Gift Pack, Cosmetics)
- Disposable Paper Plates & Paper Lamination
- Flower Wrap Application

Properties	Test Methods	Unit	Typical Values							
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PHYSICAL

Thickness	ASTM D374	Micron (±3%)	12	15	17	18	20	25	30	35
		(Gauge)	48	60	68	72	80	100	120	140
Grammage	SPLTM	gm/m ²	10.9	13.7	15.5	16.4	18.2	22.8	27.3	31.9
Yield	SPLTM	m ² /kg	91.6	73.3	64.6	61.1	54.9	44.0	36.6	31.4
		in ² /lb	64384	51507	45447	42922	38630	30904	25753	22074
Density	ASTM D1505	gm/cc	0.91							

OPTICAL

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

Coefficient of Friction- Max (UTR/UTR) (Dynamic)	ASTM D1894	-	0.35-0.45							
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	1.0	0.9	0.9	0.9
Oxygen Gas Transmission Rate (23°C & 0% RH)	ASTM D-3985	cc/m ² /day	125	110	110	110	100	95	90	80

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