

**MATTE BOPP FILM FOR PRINTING & LAMINATION**



**NON HS MATTE LAYER**  
**CORE LAYER**  
**NON HS GLOSSY TREATED LAYER**

**DESCRIPTION :**

One Side Matte & Other Side Glossy & Glossy Side Corona Treated Non Heat Sealable Film

**SALIENT FEATURES**

- Excellent Matte Dispersion
- High Haze
- Good Printability
- Excellent Half-Tone Dot Transfer
- Low Gloss
- Good Antistatic & Slip Properties

**APPLICATION**

- Printing & Lamination of Bakery / Snacks / Confectionaries

Properties	Test Method	Unit	Typical Values				
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**PHYSICAL**

Thickness	ASTM D374	Micron (±3%)	12	15	18	20	25
		(Gauge)	48	60	72	80	100
Grammage	SPLTM	gm/m <sup>2</sup>	10.4	13.1	15.7	17.4	21.8
Yield	SPLTM	m <sup>2</sup> /kg	95.8	76.6	63.9	57.5	46.0
		in <sup>2</sup> /lb	67344	53875	53875	53875	32325
Density	ASTM D1505	gm/cc	0.87				

**SURFACE**

Treatment Level <small>(Matte / Glossy)</small>	ASTM D2578	dyne/cm	36 - 38				
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**OPTICAL**

Haze (Min)	ASTM D1003	%	70 - 80				
Gloss at 45 <sup>0</sup> Deg. <small>Matte / Glossy</small>	ASTM D 2457	Gardner	8 / 60				

**MECHANICAL**

Coefficient of Friction- Max (UTR/UTR) (Dynamic)	ASTM D1894	-	0.30 (±0.05)				
Tensile Strength at Break	ASTM D882	kg/cm <sup>2</sup>	MD	1000 - 1100			
			TD	2000 - 2200			
Elongation at Break	ASTM D882	%	MD	130 - 170			
			TD	40 - 70			

**THERMAL**

Linear Shrinkage (120°C/5min)	ASTM D1204	%	MD	6.0			
			TD	3.0			

**BARRIER**

Water Vapour Transmission Rate (38°C & 90% RH)	ASTM F-1249	g/m <sup>2</sup> /day	8.6	8.0	7.8	7.5	7.2
Oxygen Gas Transmission Rate (23°C & 0% RH)	ASTM D-3985	cc/m <sup>2</sup> /day	2200	2100	1900	1900	1800

**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

**Corporate Office :**

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**Factory Address :**

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