



BOPP FILM FOR PRINTING & POUCHING



TREATED HS LAYER
CORE LAYER
UNTREATED HS LAYER
(SIT 105° C)

SALIENT FEATURES

- Good Antistatic & Slip Properties
- Good Optics
- Optimal COF
- Low SIT (105°C)
- Excellent Runability on HFFS m/c
- Improved Lap Seal Strength

APPLICATION

- Printing & Pouching of Snacks/Bakery/Confectionaries
- Biscuit Bundle Wrap

DESCRIPTION :

Transparent Heat Sealable One Side Corona
Treated Low Temp. Sealing Grade Film

Properties	Test Method	Unit	Typical Values						
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PHYSICAL

Thickness	ASTM D374	Micron (±3%)	15	18	20	25	30	35	40
		(Gauge)	60	72	80	100	120	140	160
Grammage	SPLTM	gm/m ²	13.7	16.4	18.2	22.8	27.3	31.9	36.4
Yield	SPLTM	m ² /kg	73.3	61.1	54.9	44.0	36.6	31.4	27.5
		in ² /lb	51507	42922	38630	30904	25753	22074	19315
Density	ASTM D1505	gm/cc	0.91						

SURFACE

Treatment Level(min)	ASTM D2578	dyne/cm	38						
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OPTICAL

Haze (Max)	ASTM D1003	%	2.8						
Gloss at 45°Deg.	ASTM D 2457	-	86						

MECHANICAL

Coefficient of Friction- Max (UTR/UTR) (Dynamic)	ASTM D1894	-		0.25					
Tensile Strength at Break	ASTM D882	kg/cm ²	MD	1250					
			TD	2650					
Elongation at Break	ASTM D882	%	MD	160					
			TD	40					

THERMAL

Linear Shrinkage (120°C/5min)	ASTM D1204	%	MD	6.0						
			TD	3.0						
Heat Seal Initiation Temperature (SIT)	SPLTM	°C		105						
Heat Seal Strength	SPLTM	gm/25mm	350	375	375	400	400	425	450	

BARRIER

Water Vapor Transmission Rate (38°C & 90% RH)	ASTM E398	g/m ² /day	7.0	6.8	6.5	6.0	5.7	5.5	5.0
Oxygen Gas Transmission Rate (23°C & 0% RH)	ASTM D882	cc/m ² /day	2000	1800	1800	1700	1600	1500	1300

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. Pilcher Hamilton Corp. 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 : PILCHER HAMILTON CORP. TEST METHOD
ASTM : AMERICAN SOCIETY FOR TESTING AND MATERIALS

MD : MACHINE DIRECTION
TD : TRANSVERSE DIRECTION

UTR : UNTREATED



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