

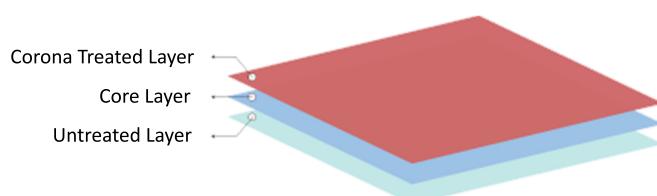


TECHNICAL DATA SHEET

BOPET FILM
Transparent Corona
APB-P

Key Features

- Good Printability
- Good Barrier Properties
- Consistent Slip
- High Tensile Strength and Stiffness



Is a transparent co-extruded BOPET film, with one side corona treated and other side untreated

Application

Printing and Lamination
Sterilization and Pasteurization process

PROPERTIES		TEST METHOD (ASTM)	UNIT	TYPICAL VALUE							
THICKNESS	Internal			10	11	12	15	19	23	36	50
DEVIATION OF AVG. FILM THICKNESS			%	±1.5	±1.5	±1.5	±1.5	±1.5	±1.5	±1.5	±1.5
FILM DENSITY	D-1505		gm/cc	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
GRAMMAGE	Internal		gm/m ²	14.0	15.4	16.8	21.0	26.6	32.2	50.4	70.0
YIELD	Internal		m ² /kg	71.43	64.94	59.52	47.62	37.59	31.00	19.80	14.20
TREATMENT LEVEL	D-2578		dyne/cm	52	52	52	52	52	52	52	52
COEFF OF FRICTION	DYNAMIC	-	0.5 ± 0.02	0.5 ± 0.02	0.5 ± 0.02	0.5 ± 0.02	0.5 ± 0.02	0.5 ± 0.02	0.5 ± 0.02	0.5 ± 0.02	0.5 ± 0.02
HAZE	D-1003	%	2	2	2	2.5	2.5	2.5	2.5	3.5	5
GLOSS (NOVO GLOSS @ 60°)	D-2457	Unit	120	120	110	110	110	110	110	110	110
TENSILE STRENGTH AT BREAK	MD*	D-882	Kg/cm ²	1,900	2,100	2,250	2,250	2,250	2,250	2,000	2,000
	TD*			2,000	2,200	2,450	2,450	2,450	2,450	2,450	2,450
	MD*		(Psi)	27,000	29,900	32,000	32,000	32,000	32,000	28,400	28,400
	TD*			28,500	31,300	34,850	34,850	34,850	34,850	34,850	34,850
ELONGATION AT BREAK	MD*	D-882	%	120	125	150	155	155	155	160	165
	TD*			88	100	120	120	120	120	120	120
HEAT SHRINKAGE (AT 130°C AND 15 MIN)	MD*	D-1204	%	1 - 1.5	1 - 1.5	1 - 1.5	1 - 1.5	1 - 1.5	1 - 1.5	1 - 1.5	1 - 1.5
	TD*			0.5 - 1.5	0.5 - 1.5	0.5 - 1.5	0.5 - 1.5	0.5 - 1.5	0.5 - 1.5	0.5 - 1.5	0.5 - 1.5
W.V.T.R (38°C & 90% RH)		F-1249	gm/m ² /day	50	47.5	45	45	45	22	15	10
			(gm/100in ² /day)	3.2	3.0	2.9	2.9	2.9	1.4	1.0	0.6
O.T.R (23°C & 0% RH)		D-3985	cc/m ² /day	125	112.5	100	100	90	70	50	40
			(cc/100in ² /day)	8.0	7.3	6.5	6.5	6.0	4.5	3.2	2.6

*MD = Machine Direction *TD = Transverse Direction

Reel Packing Format

Core Size	Outer Reel Dia
3" (76 mm)	< 550 mm
6" (152 mm)	< 650 mm

Min Reel Size	Max Reel Size
400 mm	2200 mm

Storage

It is recommended to store the film below 30°C in order to avoid deterioration of film properties. It is advisable to use the material on FIFO basis.

Food Contact

Complies with FDA and EC regulations. MSDS are available on request.

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