TECHNICAL DATA SHEET

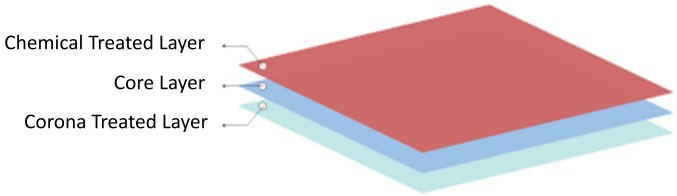
BOPET FILM
Transparent Chemical + Corona
APB-P (CC)

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Key Features

- Good Printability
- Good Barrier Properties
- Consistent Slip
- High Tensile Strength & Stiffness
- Excellent Bonding Strength

Is a transparent co-extruded BOPET film, with both side treatment; one side corona, other side chemical coated.



Application
Printing and Lamination
Sterilization and Pasteurization process

PROPERTIES		TEST METHOD (ASTM)	UNIT	TYPICAL VALUE						
THICKNESS		Internal	Micron	10	11	12	19	23	36	50
DEVIATION OF AVG. FILM THICKNESS			%	±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
GRAMMAGE		Internal	gm/m²	14.0	15.4	16.8	26.6	32.2	50.4	70.0
YIELD		Internal	m²/kg	71.4	64.9	59.5	37.6	31.1	19.8	14.3
TREATMENT LEVEL		D-2578	dyne/cm							
-Corona				52-54	52-54	52-54	52-54	52-54	52-54	52-54
-Chemical				56-60	56-60	56-60	56-60	56-60	56-60	56-60
COEFF OF FRICTION	DYNAMIC	D-1894	-	0.50 ± 0.02	0.50 ± 0.02	0.50 ± 0.02	0.50 ± 0.02	0.50 ± 0.02	0.50 ± 0.02	0.50 ± 0.02
HAZE		D-1003	%	2	2	2	2.5	2.5	3.5	5
GLOSS (NOVO GLOSS @ 60°)		D-2457	Unit	120	120	110	110	110	110	110
TENSILE STRENGTH AT BREAK	MD*	D-882	Kg/cm²	1,900	2,060	2,200	2,200	2,200	2,000	2,000
	TD*			2,000	2,200	2,400	2,400	2,400	2,400	2,400
	MD*		(Psi)	27,000	29,300	31,200	31,200	31,200	28,400	28,400
	TD*			28,500	31,300	34,100	34,100	34,100	34,100	34,100
ELONGATION AT BREAK	MD*	D-882	%	120	125	150	155	155	160	165
	TD*			88	100	120	120	120	120	120
HEAT SHRINKAGE (AT 130°C AND 5 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
	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
W.V.T.R (38°C & 90% RH)		F-1249	gm/m²/day	50	47.5	45	45	45	20	16
			(gm/100in²/day)	3.2	3	2.9	2.9	2.9	1.3	1.0
O.T.R (23°C & 0% RH)		D-3985	cc/m²/day	125	112.5	110	90	70	50	40
			(cc/100in²/day)	8.0	7.3	7.0	6.0	4.5	3.2	2.6
STERILIZATION		Internal		121°C for 30 minutes						

*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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