

# TECHNICAL DATA SHEET

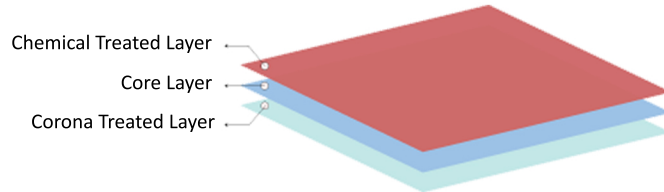


**BOPET FILM**  
Transparent Chemical + Corona  
**APB-P (CC)**

## 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	±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 <sup>2</sup>	14.0	15.4	16.8	26.6	32.2	50.4	70.0	
YIELD	Internal	m <sup>2</sup> /kg	71.4	64.9	59.5	37.6	31.1	19.8	14.3	
TREATMENT LEVEL										
Outside Corona	D-2578	dyne/cm	52-54	52-54	52-54	52-54	52-54	52-54	52-54	52-54
Inside Chemical			56-60	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	110
TENSILE STRENGTH AT BREAK	MD*	Kg/cm <sup>2</sup>	1,900	2,060	2,200	2,200	2,200	2,000	2,000	
	TD*	D-882	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	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	
	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	
W.V.T.R (38°C & 90% RH)	F-1249	gm/m <sup>2</sup> /day	50	47.5	45	45	45	20	16	
		(gm/100in <sup>2</sup> /day)	3.2	3	2.9	2.9	2.9	1.3	1.0	
O.T.R (23°C & 0% RH)	D-3985	cc/m <sup>2</sup> /day	125	112.5	110	90	70	50	40	
		(cc/100in <sup>2</sup> /day)	8.0	7.3	7.0	6.0	4.5	3.2	2.6	
STERILIZATION	Internal		230°C for 15 minutes or 121° 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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