



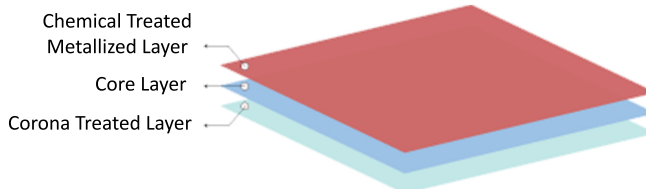
TECHNICAL DATA SHEET

BOPET FILM
Metallized Chemical + Corona
APB-PMZ (CC)

Key Features

- Good Barrier Properties
- Superior Gloss
- Excellent barrier properties
- High Tensile Strength & Stiffness
- Excellent bonding strength

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



Application
 Printing and Lamination

PROPERTIES	TEST METHOD (ASTM)	UNIT	TYPICAL VALUE									
OPTICAL DENSITY	Internal	%	2.2 OD									
THICKNESS	Internal	Micron	10	11	12	19	23	36	50			12
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	26.6	32.2	50.4	70.0			16.8
YIELD	Internal	m ² /kg	71.43	64.94	59.52	37.59	31.06	19.84	14.29			59.52
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 Metallized Chemical			56-60	56-60	56-60	56-60	56-60	56-60	56-60			56-60
COEFF OF FRICTION	DYNAMIC	D-1894	-	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
TENSILE STRENGTH AT BREAK	MD*	Kg/cm ²		1,900	2,060	2,200	2,200	2,200	2,000	2,000		2,200
	TD*			2,000	2,200	2,400	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		31,200
	TD*			28,500	31,300	34,100	34,100	34,100	34,100	34,100		34,100
ELONGATION AT BREAK	MD*	%		120	125	150	155	155	160	165		150
	TD*			88	100	120	120	120	120	120		120
HEAT SHRINKAGE	MD*	%		1 - 1.5	1 - 1.5	1 - 1.5	1 - 1.5	1 - 1.5	1 - 1.5	1 - 1.5		1 - 1.5
(AT 130°C AND 5 MIN)	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)		gm/m ² /day		1.0	1.0	1.0	1.0	1.0	0.8	0.6		0.7
		(gm/100in ² /day)		0.06	0.06	0.06	0.06	0.06	0.05	0.04		0.05
		cc/m ² /day		1.3	1.3	1.3	1.1	1.1	1.0	0.8		1.0
O.T.R (23°C & 0% RH)		(cc/100in ² /day)		0.08	0.08	0.08	0.07	0.07	0.06	0.05		0.06

*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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