TECHNICAL DATA SHEET

BOPET FILM
Metallized Chemical
APB-PMZ(C)

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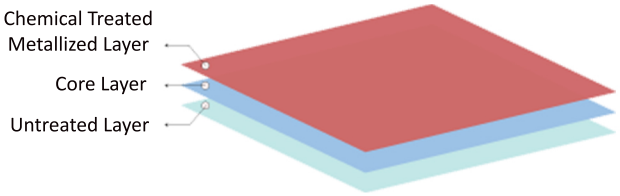
Key Features

- Excellent Metal Adhesion and Luster
- Excellent Dimensional Stability
- Excellent Gloss
- Excellent barrier properties
- Excellent bonding strength

Is a metallized co-extruded BOPET film, with one side chemical coated and other side untreated



Application

Printing and Lamination

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	15.4	16.8	26.6	32.2	50.4	70
YIELD		Internal	m²/kg	71.43	64.94	59.52	37.59	31.06	19.84	14.29
TREATMENT LEVEL		D-2578	dyne/cm	56	56	56	56	56	56	56
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
OPTICAL DENSITY		Internal	%	2.2	2.2	2.2	2.2	2.2	2.2	2.2
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 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
	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
W.V.T.R (38°C & 90% RH)		F-1249	gm/m²/day	1.00	1.00	1.00	1.00	1.00	0.80	0.60
			(gm/100in²/day)	0.06	0.06	0.06	0.06	0.06	0.05	0.04
O.T.R (23°C & 0% RH)		D-3985	cc/m²/day	1.30	1.30	1.30	1.10	1.10	1.00	0.80
			(cc/100in²/day)	0.08	0.08	0.08	0.07	0.07	0.06	0.05

*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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