

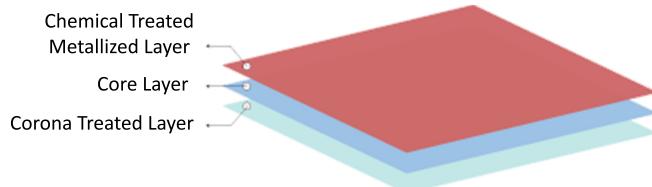


## TECHNICAL DATA SHEET

BOPET FILM  
Metallized Chemical + Corona  
**APP-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						
			10	11	12	19	23	36	50
OPTICAL DENSITY		Internal	%						
THICKNESS		Internal	Micron	10	11	12	19	23	36
DEVIATION OF AVG. FILM THICKNESS			%	±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
GRAMMAGE		Internal	gm/m <sup>2</sup>	14.0	15.4	16.8	26.6	32.2	50.4
YIELD		Internal	m <sup>2</sup> /kg	71.43	64.94	59.52	37.59	31.06	19.84
TREATMENT LEVEL									
- Outside Corona	D-2578	dyne/cm	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
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
TENSILE STRENGTH AT BREAK	MD*	D-882	Kg/cm <sup>2</sup>	1,900	2,060	2,200	2,200	2,000	2,000
	TD*			2,000	2,200	2,400	2,400	2,400	2,400
	MD*	(Psi)	27,000	29,300	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
ELONGATION AT BREAK	MD*	D-882	%	120	125	150	155	160	165
	TD*			88	100	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	1.0	1.0	1.0	1.0	0.8	0.6
			(gm/100in <sup>2</sup> /day)	0.06	0.06	0.06	0.06	0.05	0.04
O.T.R (23°C & 0% RH)		D-3985	cc/m <sup>2</sup> /day	1.3	1.3	1.3	1.1	1.0	0.8
			(cc/100in <sup>2</sup> /day)	0.08	0.08	0.08	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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