



TECHNICAL DATA SHEET

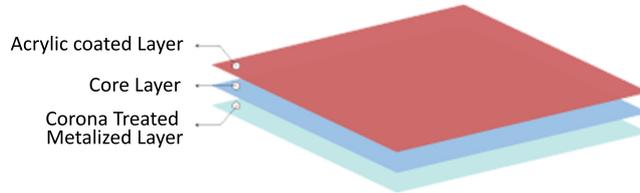
BOPET FILM
Metalized Acrylic Coated + Corona
APB-AC2MZ

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Key Features

- Excellent Mechanical and Thermal properties
- Good Metal Bond Strength
- Good Dimensional Stability
- Excellent adhesion to ink & lacquer
- Good Barrier Properties

Is a metalized co-extruded BOPET film, with one side Acrylic based coating and other side Metalized Corona



Application

Coated side is recommended for Surface Printing
 Suitable for improved ink adhesion for high quality printing & lamination application

PROPERTIES		TEST METHOD (ASTM)	UNIT	TYPICAL VALUE		
THICKNESS		Internal	Micron	10	12	19
DEVIATION OF AVG. FILM THICKNESS			%	± 1.5	± 1.5	± 1.5
FILM DENSITY		D-1505	gm/cc	1.4	1.4	1.4
GRAMMAGE		Internal	gm/m ²	14	16.8	26.6
YIELD		Internal	m ² /kg	71.43	59.52	37.59
TREATMENT LEVEL						
Acrylic Coated Side		D-2578	dyne/cm	41-42	41-42	41-42
Metalized Corona Side				> 56	> 56	> 56
COEFF OF FRICTION - Film to Metal	DYNAMIC	D-1894	-	0.5±0.02	0.5±0.02	0.5±0.02
- Film to Film			-	≤ 0.4	≤ 0.4	≤ 0.4
OPTICAL DENSITY		Internal	%	2.2	2.2	2.2
TENSILE STRENGTH AT BREAK	MD*	D-882	Kg/cm ²	1,900	2,200	2,200
	TD*			2,200	2,400	2,400
	MD*		(Psi)	27,000	31,200	31,200
	TD*			31,300	34,100	34,100
ELONGATION AT BREAK	MD*	D-882	%	120	150	155
	TD*			85	120	120
HEAT SHRINKAGE (AT 150°C AND 30 MIN)	MD*	D-1204	%	2.0	2.0	2.0
	TD*			1.5	1.5	1.5
W.V.T.R (38°C & 90% RH)		F-1249	gm/m ² /day	1	1	1
			(gm/100in ² /day)	0.06	0.06	0.06
O.T.R (23°C & 0% RH)		D-3985	cc/m ² /day	1.3	1.3	1.1
			(cc/100in ² /day)	0.08	0.08	0.07

*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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