



TECHNICAL DATA SHEET

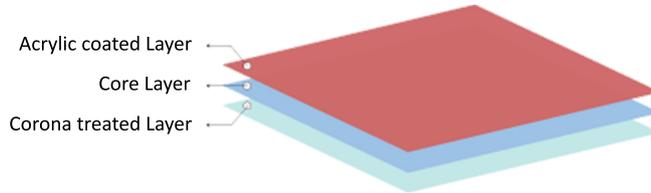
BOPET FILM
Transparent Acrylic Coated + Corona
APB-AC2

APB-AC2

Key Features

- Excellent Mechanical and Thermal properties
- Good Clarity and Transparency
- Good Dimensional Stability
- Excellent adhesion to ink & lacquer

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



Application

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	59.50	37.59
TREATMENT LEVEL		D-2578	dyne/cm			
Acrylic Coated Side				41-42	41-42	41-42
Corona Side				52-54	52-54	52-54
COEFF OF FRICTION (Corona Side) - Film to Film	DYNAMIC		-	0.5± 0.02	0.5± 0.02	0.5± 0.02
(Acrylic Coated Side) - Film to Film	DYNAMIC		-	≤ 0.4	≤ 0.4	≤ 0.4
HAZE		D-1003	%	2.0	2.2	2.5
GLOSS (NOVA GLOSS)		D-1003	%	110	110	110
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	2	2
	TD*			1.5	1.5	1.5
W.V.T.R (38°C & 90% RH)		F-1249	gm/m ² /day	50	45	45
			(gm/100in ² /day)	3.2	2.9	2.9
O.T.R (23°C & 0% RH)		D-3985	cc/m ² /day	125	110	110
			(cc/100in ² /day)	8.0	7.0	6.0

*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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