



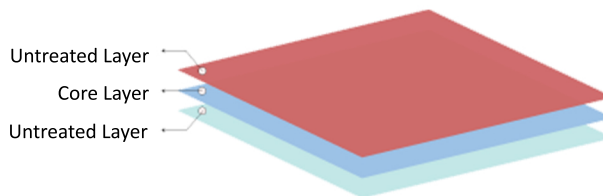
## TECHNICAL DATA SHEET

**BOPET FILM**  
**Transparent Untreated**  
**APB-P(U)**

### Key Features

- Good Gloss and Clarity
- Good Handling Properties
- Consistent Machinability
- High Dimensional Stability

Is a transparent co-extruded BOPET film, with both sides un-treated



### Application

Tape, Stationery  
Release liners, Transfer films

PROPERTIES		TEST METHOD (ASTM)	UNIT	TYPICAL VALUE		
THICKNESS		Internal	Micron	12	15	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 <sup>2</sup>	16.8	21	26.6
YIELD		Internal	m <sup>2</sup> /kg	59.52	47.62	37.59
TREATMENT LEVEL		D-2578	dyne/cm	42	42	42
COEFF OF FRICTION	DYNAMIC	D-1894	-	0.5 ± 0.02	0.5 ± 0.02	0.5 ± 0.02
HAZE		D-1003	%	2	2.5	2.5
GLOSS (NOVO GLOSS @ 60°)		D-2457	Unit	110	110	110
TENSILE STRENGTH AT BREAK	MD*	D-882	Kg/cm <sup>2</sup>	2,250	2,100	2,244
	TD*			2,450	2,300	2,448
	MD*		(Psi)	32,000	29,870	31,900
	TD*			34,850	32,710	34,800
ELONGATION AT BREAK	MD*	D-882	%	150	130	130
	TD*			120	110	100
HEAT SHRINKAGE (AT 150°C AND 30MIN)	MD*	D-1204	%	1.0 - 1.5	1.0 - 1.5	1.0 - 1.5
	TD*			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	45	40	31
			(gm/100in <sup>2</sup> /day)	2.9	2.6	2
O.T.R (23°C & 0% RH)		D-3985	cc/m <sup>2</sup> /day	100	100	90
			(cc/100in <sup>2</sup> /day)	6.5	6.5	5.8

\*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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