



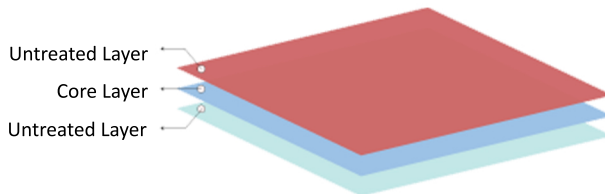
TECHNICAL DATA SHEET

BOPET FILM
Transparent Untreated
APB-P(U)

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

Key Features

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



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 ²	16.8	21	26.6
YIELD		Internal	m ² /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 ²	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 ² /day	45	40	31
			(gm/100in ² /day)	2.9	2.6	2
O.T.R (23°C & 0% RH)		D-3985	cc/m ² /day	100	100	90
			(cc/100in ² /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.

Disclaimer

Information contained here is best to our knowledge but limited to the information as specified. No representation or warranty is made regarding the information or its fitness to a particular use. The user is solely responsible for all determinations regarding use and we disclaim liability for any loss or damage that may occur from the use of this information. Astro films reserves the right to change the technical data sheet at any time for enhancing the Quality of the products without prior information.