

TECHNICAL DATA SHEET

BOPET FILM
Transparent
Untreated

Product Code: APB-P(U)

Product Description:

Astro Films APB-P(U) is a transparent co-extruded BOPET film, with both sides un-treated.

Application:

- Tape, Stationery
- Release liners, Transfer films

Key Features:

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

PROPERTIES	TEST METHOD (ASTM)	UNIT	TYPICAL VALUE
THICKNESS	Internal	Micron	19
DEVIATION OF AVG. FILM THICKNESS			-
FILM DENSITY	D-1505	gm/cc	1.4
GRAMMAGE	Internal	gm/m ²	26.6
YIELD	Internal	m ² /kg	37.59
TREATMENT LEVEL	D-2578	dyne/cm	52
COEFF OF FRICTION	DYNAMIC D-1894	-	0.5 ± 0.02
HAZE	D-1003	%	4.0
TENSILE STRENGTH AT BREAK	MD*	Kg/cm ²	2,000
	TD*		2,200
	MD*	(Psi)	28,400
ELONGATION AT BREAK	TD*		31,300
	MD*	%	110
	TD*		85
HEAT SHRINKAGE (AT 150°C AND 30MIN)	MD*		3.0
	TD*		0.5
W.V.T.R (38°C & 90% RH)	F-1249	gm/m ² /day (gm/100in ² /day)	28 1.8
O.T.R (23°C & 0% RH)	D-3985	cc/m ² /day (cc/100in ² /day)	80 5.2

*MD = MACHINE DIRECTION *TD = TRANSVERSE DIRECTION

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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