

TECHNICAL DATA SHEET

BOPET FILM

Transparent-Twistable

Corona

Product Code: APB-PT

Product Description:

Astro Films APB-PT is a transparent twistable co-extruded BOPET film, with one side corona treated and otherside non-treated

Key Features:

- Good Mechanical, optical and thermal properties
- Highly twistable
- Excellent thickness uniformity
- High Tensile Strength & Stiffness

Application:

- Printing and Lamination
- Twist wrapping of candies, chocolates, caramels

PROPERTIES	TEST METHOD (ASTM)	UNIT	TYPICAL VALUE
THICKNESS	Internal	Micron	18
DEVIATION OF AVG. FILM THICKNESS			-
FILM DENSITY	D-1505	gm/cc	1.3
GRAMMAGE	Internal	gm/m ²	23.4
YIELD	Internal	m ² /kg	42.74
TREATMENT LEVEL	D-2578	dyne/cm	52
COEFF OF FRICTION	DYNAMIC D-1894	-	0.5 ± 0.02
HAZE	D-1003	%	2.0
TENSILE STRENGTH AT BREAK	MD*	Kg/cm ²	2,192
	TD*	D-882	2,702
	MD*	(Psi)	31,200
	TD*		38,400
ELONGATION AT BREAK	MD*	D-882	150
	TD*		120
HEAT SHRINKAGE (AT 150°C AND 30MIN)	MD*		27
	TD*	D-1204	23
W.V.T.R (38°C & 90% RH)	F-1249	gm/m ² /day	30
		(gm/100in ² /day)	1.9
O.T.R (23°C & 0% RH)	D-3985	cc/m ² /day	80
		(cc/100in ² /day)	5.0

*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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