



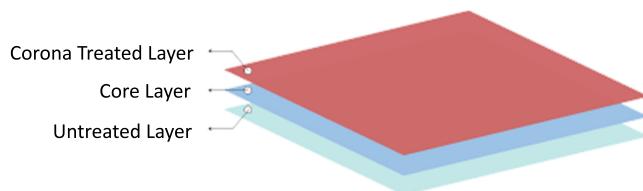
TECHNICAL DATA SHEET

BOPET FILM
Transparent Twistable
APB-PT

Key Features

- Good Mechanical, Optical and Thermal properties
- Highly Twistable
- Excellent Thickness Uniformity
- High Tensile Strength & Stiffness

Is a transparent twistable co-extruded BOPET film, with one side corona treated and other side untreated



Application

Printing and Lamination
Twist wrapping of candies, chocolates, caramels

PROPERTIES		TEST METHOD (ASTM)	UNIT	TYPICAL VALUES	
THICKNESS		Internal	Micron	18	23
DEVIATION OF AVG. FILM THICKNESS			%	± 1.5	± 1.5
FILM DENSITY		D-1505	gm/cc	1.4	1.4
GRAMMAGE		Internal	gm/m ²	25.2	32.2
YIELD		Internal	m ² /kg	39.68	31.06
TREATMENT LEVEL		D-2578	dyne/cm	52	52
COEFF OF FRICTION	DYNAMIC	D-1894	-	0.5 ± 0.02	0.5 ± 0.02
HAZE		D-1003	%	2.0	3.0
GLOSS (NOVA GLOSS)		D-1003	%	110.0	110.0
TENSILE STRENGTH AT BREAK	MD*	D-882	Kg/cm ²	2,192	2,200
	TD*			2,702	3,000
	MD*		(Psi)	31,200	31,290
	TD*			38,400	42,670
ELONGATION AT BREAK	MD*	D-882	%	150	150
	TD*			120	100
HEAT SHRINKAGE (AT 150°C AND 30MIN)	MD*	D-1204	%	27	23
	TD*			23	20
W.V.T.R (38°C & 90% RH)		F-1249	gm/m ² /day	30	22
			(gm/100in ² /day)	1.9	1.4
O.T.R (23°C & 0% RH)		D-3985	cc/m ² /day	80	70
			(cc/100in ² /day)	5.0	4.5

*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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