



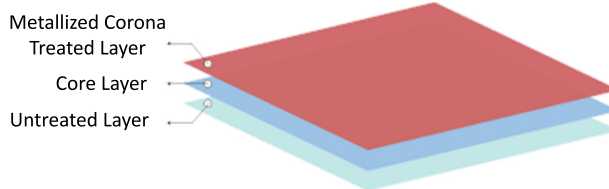
TECHNICAL DATA SHEET

BOPET FILM
Metallized Twistable
APB-PMZT

Key Features

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

Is a metallized 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 VALUE	
THICKNESS			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	56	56
COEFF OF FRICTION	DYNAMIC	D-1894	-	0.5 ± 0.02	0.5 ± 0.02
OPTICAL DENSITY		Internal	%	2.2	2.2
TENSILE STRENGTH AT BREAK	MD*	D-882	Kg/cm ²	2,244	2,200
	TD*			2,448	3,000
	MD*		(Psi)	31,900	31,290
	TD*			34,800	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*			30	20
W.V.T.R (38°C & 90% RH)		F-1249	gm/m ² /day	1.00	1.00
			(gm/100in ² /day)	0.06	0.06
O.T.R (23°C & 0% RH)		D-3985	cc/m ² /day	1.00	1.10
			(cc/100in ² /day)	0.06	0.07

*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.