

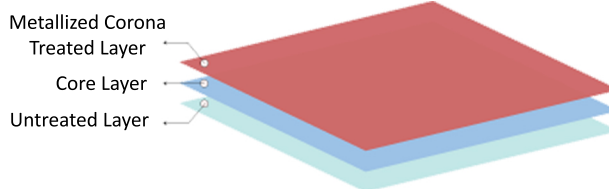


TECHNICAL DATA SHEET

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 otherside non-treated

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*		Kg/cm ²	2,244	2,200
	TD*	D-882		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.

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