

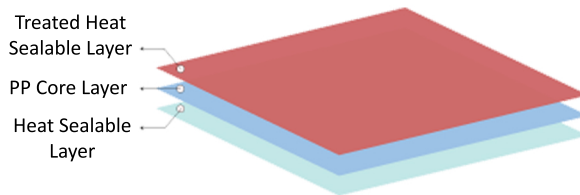


TECHNICAL DATA SHEET

COMPOSITE BOPP FILM BS2C

Key Features

- Good Printability
- Good Seal Integrity
- Good Barrier Properties
- Excellent Metal Adhesion
- Consistent Slip
- High Tensile Strength & Stiffness



Is a Co-extruded Film,
both side Sealable and one side Treated

Application

Confectionery Packaging
Printing & Lamination
Over Wrapping

PROPERTIES		TEST METHOD (ASTM)	UNIT	TYPICAL VALUE		
				20	25	30
THICKNESS			Micron	80	100	120
DEVIATION of AVG FILM THICKNESS	± 5%	Internal	%	± 5	± 5	± 5
FILM DENSITY		D-1505	gm/cc	0.9	0.9	0.9
GRAMMAGE		Internal	gm/m ²	18.0	22.5	27.0
YIELD		Internal	m ² /kg	55.5	44.4	37.04
COEFF OF FRICTION	DYNAMIC	D-1894	-	0.35	0.35	0.35
TREATMENT LEVEL		D-2578	Dyne/cm	≥38	≥38	≥38
HAZE		D-1003	%	1.5	1.5	1.8
GLOSS (NOVO GLOSS @ 60°)		D-2457	%	130	130	130
TENSILE STRENGTH AT BREAK	MD*	D-882	Kg/cm ²	1300	1300	1300
	TD*			2700	2700	2700
	MD*		(Psi)	18,500	18,500	18,500
	TD*			38,000	38,000	38,000
ELONGATION AT BREAK	MD*	D-882	%	190	190	190
	TD*			60	60	60
HEAT SHRINKAGE (AT 130°C/5 MINUTES)	MD*	Internal	%	≤ 5.0	≤ 5.0	≤ 5.0
	TD*			≤ 3.0	≤ 3.0	≤ 3.0
HEAT SEAL INITIATION TEMPERATURE HEAT SEAL STRENGTH		Internal	°C	115	115	115
			gm/25mm	400	400	400
W.V.T.R (38°C & 90% RH)		F-1249	gm/m ² /day	6.5	6.0	6.0
			(gm/100in ² /day)	0.42	0.39	0.39
O.T.R. (23°C & 0% RH)		D-3985	cc/m ² /day	1,800	1,700	1,600
			(cc/100in ² /day)	116	110	104

*MD = Machine Direction *TD = Transverse Direction *38 dyne/cm guaranteed for 3 months from date of delivery

Reel Packing Format

Core Size	Outer Reel Dia
3" (76 mm)	< 550 mm
6" (152 mm)	< 650 mm

Min Reel Size	Max Reel Size
360 mm	1400 mm

Storage

It is recommended to store the film in dry conditions 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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