

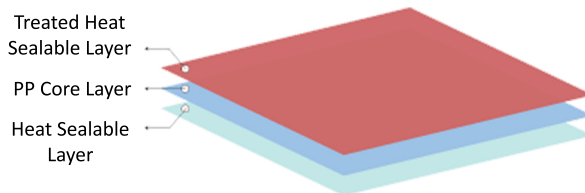


TECHNICAL DATA SHEET

HOLOGRAPHABLE BOPP FILM BS2H

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
holographable

Application

Holographic Treatment
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
COEFF OF FRICTION	DYNAMIC	D-1894	-	0.40	0.40	0.40
TREATMENT LEVEL		D-2578	Dyne/cm	38.00	38.00	38.00
HAZE		D-1003	%	1.5	1.5	1.8
GLOSS (NOVO GLOSS @ 60°)		D-2457	%	132	132	132
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		Internal	°C	118	118	118
HEAT SEAL STRENGTH			gm/25mm	400	400	400
W.V.T.R (38°C & 90% RH)		F-1249	gm/m ² /day	6.5	6.5	6.0
			(gm/100in ² /day)	0.42	0.42	0.39
O.T.R. (23°C & 0% RH)		D-3985	cc/m ² /day	1,800	1,800	1,700
			(cc/100in ² /day)	116	116	110

*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.

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.