

Product Description:

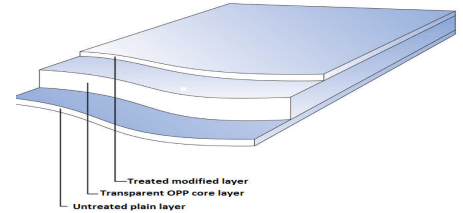
B-TMB is a transparent film having
One side functionally modified for better ink adhesion

Application:

- Snacks & Confectionary packaging
- Condiment packaging

Key Features:

- Excellent Ink adhesion with broader ink base (NC,PU,PA,etc)
- Improved Extrusion Bond
- Good Dimensional Stability
- Good Optics
- High Yield

Film Structure


PROPERTIES	TEST METHOD (ASTM)	UNIT	TYPICAL VALUES						
			10	11	12	15	18	20	
THICKNESS	Internal	Micron	10	11	12	15	18	20	
		(Gauge)	40	44	48	60	72	80	
FILM DENSITY	D-1505	gm/cc	0.91	0.91	0.91	0.91	0.91	0.91	
GRAMMAGE	Internal	gm/m ²	9.10	10.01	10.92	13.65	16.38	18.20	
YIELD	Internal	m ² /kg	109.89	99.90	91.58	73.26	61.05	54.95	
		in ² /lb	77422	70384	64518	51615	43012	38711	
TREATMENT LEVEL**	(Min.)	D-2578	38	38	38	38	38	38	
COEFF OF FRICTION	DYNAMIC	D-1894	0.35	0.35	0.35	0.35	0.35	0.35	
HAZE		D-1003	1.8	1.9	2.0	2.0	2.1	2.2	
GLOSS		D-2457	90	88	85	85	85	85	
TENSILE STRENGTH AT BREAK	MD*	D-882	Kg/cm ²	1250	1250	1250	1250	1250	1250
	TD*			2500	2500	2500	2500	2500	2500
	MD*		(KPsi)	17.75	17.75	17.75	17.8	17.8	17.8
	TD*			35.50	35.50	35.50	35.5	35.5	35.5
ELONGATION AT BREAK	MD	D-882	%	180	180	180	180	200	200
	TD			60	60	60	60	70	70
	MD		Kg/cm ²	18000	18000	18000	18000	18000	18000
	TD			30000	30000	30000	30000	30000	30000
MODULUS OF ELASTICITY	MD	D-882	(KPsi)	255.6	255.6	255.6	255.6	255.6	255.6
	TD			426.0	426.0	426.0	426.0	426.0	426.0
	MD		%	<5.0					
	TD			<3.0					
W.V.T.R.(38°C & 90%RH)	F-1249	gm/m ² /day	7.5	7.4	7.2	7.0	6.8	6.5	
			(gm/100in ² /day)	0.5	0.5	0.4	0.45	0.44	0.42
O.T.R. (23°C & 0%RH)	D-3985	cc/m ² /day	2400	2300	2200	2000	1800	1800	
			(cc/100in ² /day)	155	149	142	129	116	116

Ref no QAD UFLI S/17 - B50/1

*MD = MACHINE DIRECTION *TD = TRANSVERSE DIRECTION

STORAGE & HANDLING

FLEXOPP™ does not require special storage conditions. It is recommended to storage below 30°C in order to avoid any deterioration of the film surface properties. It is advisable to use the material on FIFO basis. The film should be kept at operating environment for 24 hours before processing. FLEXOPP™ is best suitable for use up to 3 months from date of dispatch.

FOOD CONTACT

FLEXOPP™ complies with EC and FDA regulations. Specific document and MSDS are available on request.

DISCLAIMER

It is the responsibility of our customer to determine that their use of our product(s) is safe, lawful, and technically suitable in their intended applications. The Values given in the technical data sheet represent typical values based on the best of our knowledge as on date when the data was compiled. It is offered solely to provide possible suggestions for your own experimentation and not as a guarantee for the material supplied. The user is solely responsible for the end use of the product and needs to perform their own tests to confirm the product suitability / compatibility in all respects. Flex Gives no warranty or accept liability for any loss and fitness of the product for any specific purpose. Flex reserves the right to change the technical data sheet at any time for enhancing the quality of the products without prior information

**TDS issued on 16-02-2017.

Website: www.flexfilm.com