

Product Description:

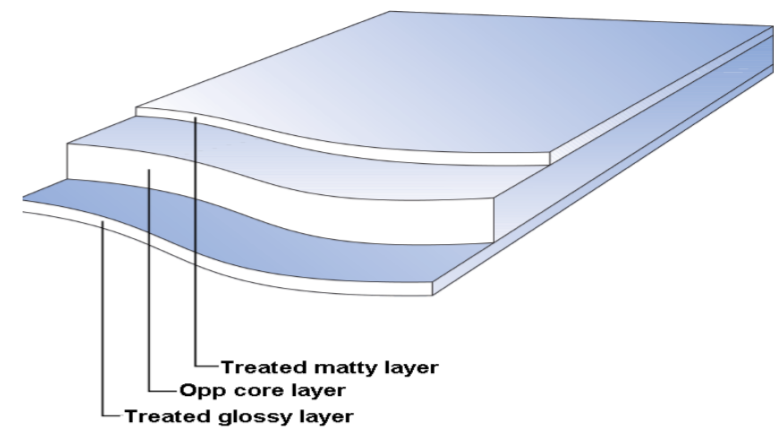
B-MNT is a co extruded film having one side matt and other side glossy

Application:

- Book cover lamination
- Paper board lamination
- FFS Machine
- Roll wrap application

Key Features:

- Matty appearance
- Both side treated
- Excellent dispersion
- Excellent aesthetic appeal

Film Structure


PROPERTIES	TEST METHOD (ASTM)	UNIT	TYPICAL VALUES		
			12	13	15
THICKNESS	Internal	Micron	12	13	15
		(Gauge)	48	52	60
FILM DENSITY	D-1505	gm/cc	0.865	0.865	0.865
GRAMMAGE	Internal	gm/m ²	10.38	11.25	12.98
YIELD	Internal	m ² /kg	96.34	88.89	77.04
		in ² /lb	67875	62626	54278
TREATMENT LEVEL	D-2578	dyne/cm	38	38	38
COEFF OF FRICTION	DYNAMIC	D-1894	-	0.3	0.30
HAZE	(Min.)	D-1003	%	70	70
GLOSS	Matty side		10	10	10
	Glossy side	D-2457	Unit	90	90
TENSILE STRENGTH AT BREAK	D-882	MD*	Kg/cm ²	1100	1100
		TD*		2200	2200
		MD*	(KPsi)	15.6	15.6
		TD*		31.20	31.20
ELONGATION AT BREAK	D-882	MD	%	170	170
		TD		70	70
MODULUS OF ELASTICITY	D-882	MD	Kg/cm ²	16000	16000
		TD		27000	27000
		MD	(KPsi)	227.2	227.2
		TD		383.4	383.4
LINEAR SHRINKAGE (5 Minute at 130°C)	D-1204	MD	%	<5.0	
		TD		<3.0	
W.V.T.R.(38°C & 90%RH)	F-1249	gm/m ² /day	8.6	8.6	8.0
		(gm/100in ² /day)	0.56	0.56	0.52
O.T.R. (23°C & 0%RH)	D-3985	cc/m ² /day	2150	2150	2000
		(cc/100in ² /day)	140	140	129

Ref no QAD UFLI S/14 - B27/2

*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 11-02-2015.All previous version of this grade are invalid.**

Website: www.flexfilm.com