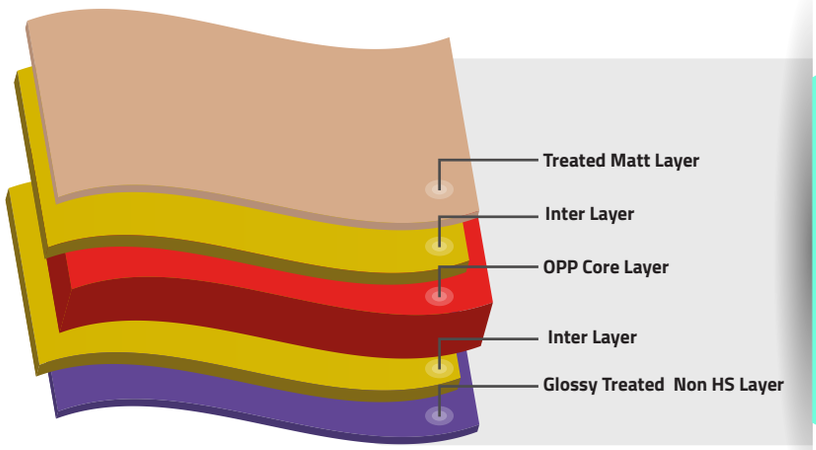
B-MNT

Standard Matt BOPP Film for Wet Lamination & Conversion

B-MNT is a co extruded standard matt film having both side treatment .



FILM STRUCTURE

THE BIG DIFFERENTIATORS

Good Antistatic & Slip
Good machinability.

Excellent Matt Dispersion
Imparting subtle richness to branding.

Good Contact Clarity
Low gloss level derives elegant print graphics.

Good Printability
Excellent half-tone dot transfer.

Good UV Spot Coating
Imparting superb spot gloss to branding.

KEY FEATURES:

- Excellent matt dispersion
- High haze
- Low gloss
- Good antistatic & slip

APPLICATIONS:

- Paper & board lamination (wet lamination)
- Bakery (biscuit, cookie,crackers)
- Snacks
- Confectionary

PROPERTIES		TEST METHOD (ASTM)	UNIT	TYPICAL VALUES				
THICKNESS		Internal	Micron	12	13	15	18	20
			(Gauge)	48	52	60	72	80
FILM DENSITY		D-1505	gm/cc	0.87				
GRAMMAGE		Internal	gm/m^2	10.4	11.3	13.1	15.7	17.4
YIELD		Internal	m^2/kg	96.1	88.5	76.3	63.7	57.5
			in^2/lb	67558	62215	53639	44781	40422
TREATMENT LEVEL		D-2578	dyne/cm	38				
COEFF OF FRICTION (Matt/Matt)	Dynamic	D-1894	-	0.30±0.05				
HAZE	(Min.)	D-1003	%	70				
GLOSS (at 45°)	Matty Side	D-2457	Unit	10				
	Glossy Side			90				
TENSILE STRENGTH AT BREAK	MD*	D-882	kg/cm^2	1100				
	TD*			2200				
	MD*		(KPsi)	15.6				
	TD*			31.3				
ELONGATION AT BREAK	MD*	D-882	%	170				
	TD*			70				
LINEAR SHRINKAGE (max) (5 Minutes at 130°C)	MD*	D-1204	%	6.0				
	TD*			3.0				
WATER VAPOUR TRANSMISSION RATE (38°C & 90% RH)		F-1249	$gm/m^2/day$	8.6	8.6	8.0	7.8	7.5
			($gm/100\ in^2/day$)	0.55	0.55	0.52	0.5	0.48
OXYGEN TRANSMISSION RATE (23°C & 0% RH)		D-3985	$cc/m^2/day$	2200	2200	2100	1900	1900
			($cc/100\ in^2/day$)	142	142	135	123	123

Ref no QAD UFLI S/14 – B 27/3
*MD = MACHINE DIRECTION *TD = TRANSVERSE DIRECTION

STORAGE & HANDLING

FLEXOPP™ ddoes 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 within 6 months from date of dispatch.

FOOD CONTACT

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

DISCLAIMER

**TDS issued on 20-05-2021.All previous version of this grade are invalid.

FlexFilms
Manufacturing Facilities at
India | UAE | Poland | Egypt | Mexico |
USA | Hungary | Russia | Nigeria
enquiry@flexfilm.com
www.flexfilm.com