

MATT METALLIZED ON TREATED SIDE (MT) AND OPPOSITE SIDE HEAT SEALABLE FILM (B-MVH-M)

APPLICATION: PACKAGING, CONVERSION, DECORATIVE & SPECIAL APPLICATIONS.

PROPERTIES	TEST METHOD (ASTM)	UNIT	TYPICAL VALUE
			18
OPTICAL			
OPTICAL DENSITY** (TOLERANCE : +/- 5%)	Gretag	-	2.2
GENERAL			
THICKNESS	Internal	Micron (Gauge)	18 72
FILM DENSITY	D-1505	gm/cc	0.91
GRAMMAGE	Internal	gm/m ²	16.38
YIELD	Internal	m ² /kg	61.05
TREATMENT LEVEL** (Min.)	D-2578	dyne/cm	36
MECHANICAL			
TENSILE STRENGTH AT BREAK (Min.)	MD*	D-882	1100
	TD*		2200
	MD*	D-882	(Psi)
	TD*		31200
ELONGATION AT BREAK (Min.)	MD	D-882	160
	TD		60
	MD	D-882	Kg/cm ²
	TD		16000
MODULUS OF ELASTICITY (Min.)	MD	D-882	26000
	TD		227.2
	MD	D-882	(KPsi)
	TD		369.2
THERMAL			
LINEAR SHRINKAGE (Max.) (AT 120 ⁰ C/5 Minute)	MD	D-1204	4.0
	TD		2.0
HEAT SEAL INITIATION TEMPERATURE	Internal	⁰ C	115
HEAT SEAL STRENGTH (Min.)	Internal	gm/25mm	250
BARRIER PROPERTIES			
W.V.T.R.(38 ⁰ C & 90%RH)	F-1249	gm/m ² /day	<1.0
		(gm/100in ² /day)	<0.06
O.T.R. (23 ⁰ C & 0%RH)	D-3985	cc/m ² /day	110
		(cc/100in ² /day)	7.0

** The film of high O.D. = 2.4 (Min.) is also available.

Ref no QAD UFLI S/07 - MB4/1

*MD = MACHINE DIRECTION *TD = TRANSVERSE DIRECTION

**Treatment value of BOPP films tend to decay over a period of time during transportation & storage conditions. Therefore it is recommended that the customer should check the treatment levels prior to processing and if a reduction is observed then online corona tretment, high adhesive GSM & a suitable primer may be applied.

Information in this publication is believed to be accurate and is given in good faith but it is for the customer to satisfy of the suitability for its own particular purpose. Accordingly,UFlex gives no warranty as to the fitness of the product for any particular purpose and any implied warranty or condition (statutory or otherwise) is excluded except to the extent that such exclusion is prevented by law.UFlex reserves the right to change the technical data sheet at any time without prior information.



UFLEX LIMITED

A-1, SECTOR-60, NOIDA - 201 301

(U.P.), INDIA

PHONE: +91 120-3982121,3982535,3982658

FAX: +91 - 120-2580152, 2580511, 2580003

E-mail: enquiry@flexfilm.com

Website: www.flexfilm.com

ISO 9001 & 14001



CERTIFIED FIRM