

TECHNICAL DATA SHEET

FLEX MET PROTECT™

(METALLIZED CPP FILM)

METALLIZED ON TREATED SIDE (MT) WITH EXCELLENT BARRIER PROPERTIES (C-CPT-M)

APPLICATION: TWIST WRAP, CONFECTIONARY PACKAGING

PROPERTIES	TEST METHOD (ASTM)	UNIT	TYPICAL VALUE			
			25	28	33	35
OPTICAL						
OPTICAL DENSITY** (TOLERANCE : +/- 5%)	Gretag	-	2.2	2.2	2.2	2.2
GENERAL						
THICKNESS	Internal	Micron (Gauge)	25 100	28 112	33 132	35 140
FILM DENSITY	D-1505	gm/cc	0.91	0.91	0.91	0.91
GRAMMAGE	Internal	gm/m ²	22.75	25.48	30.03	31.85
YIELD	Internal	m ² /kg	43.96	39.24	33.30	31.40
TREATMENT LEVEL**	(Min.) D-2578	dyne/cm	36	36	36	36
COEFF OF STATIC FRICTION	(Max.) D-1894	-	0.8	0.8	0.8	0.8
MECHANICAL						
TENSILE STRENGTH AT BREAK (Min.)	MD*	Kg/cm ²	550	550	550	550
	TD*		250	250	250	250
	MD*	(Psi)	7800	7800	7800	7800
	TD*		3500	3500	3500	3500
ELONGATION AT BREAK (Min.)	MD	%	450	450	450	450
	TD		600	600	600	600
BARRIER PROPERTIES						
W.V.T.R.(38 ⁰ C & 90%RH)	F-1249	gm/m ² /day	3.5	3.3	3.1	2.9
		(gm/100in ² /day)	0.22	0.21	0.2	0.19
O.T.R. (23 ⁰ C & 0%RH)	D-3985	cc/m ² /day	610	580	530	500
		(cc/100in ² /day)	39	37	34	32

Ref no QAD UFLI S/07 - MC2/1

*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.



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