

METALLIZED ON TREATED SIDE (MT) AND OPPOSITE SIDE HEAT SEALABLE WITH EXCELLENT BARRIER PROPERTIES (C-CPM-M)

APPLICATION: LAMINATION

PROPERTIES	TEST METHOD (ASTM)	UNIT	TYPICAL VALUE			
			25	30	35	50
OPTICAL						
OPTICAL DENSITY** (TOLERANCE : +/- 5%)	Gretag	-	2.2	2.2	2.2	2.2
GENERAL						
THICKNESS	Internal	Micron (Gauge)	25 100	30 120	35 140	50 200
FILM DENSITY	D-1505	gm/cc	0.91	0.91	0.91	0.91
GRAMMAGE	Internal	gm/m ²	22.75	27.30	31.85	45.50
YIELD	Internal	m ² /kg	43.96	36.63	31.40	21.97
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	530	530	530	530
	TD*		240	240	240	240
	MD*	(Psi)	7500	7500	7500	7500
	TD*		3400	3400	3400	3400
ELONGATION AT BREAK (Min.)	MD	%	450	450	450	450
	TD		600	600	600	600
THERMAL						
HEAT SEAL INITIATION TEMPERATURE	Internal	°C	115	115	115	115
HEAT SEAL STRENGTH	(Min.) Internal	gm/25mm	1200	1200	1200	1200
BARRIER PROPERTIES						
W.V.T.R.(38 ⁰ C & 90%RH)	F-1249	gm/m ² /day	3.5	3.2	3.0	2.0
		(gm/100in ² /day)	0.23	0.21	0.19	0.13
O.T.R. (23 ⁰ C & 0%RH)	D-3985	cc/m ² /day	600	550	500	350
		(cc/100in ² /day)	39	35	32	23

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*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 treatment, 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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