



EMAMI PAPER MILLS LTD
PM-4 BOARD MACHINE UNIT:-BALASORE
SPECIFICATION SHEET

Date:-01.08.2016

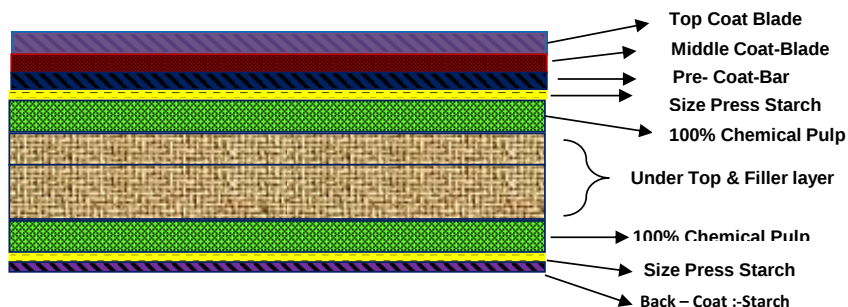
Rev:-01

Product :Emami MaxoFold (High Bulk) Board

Substance (GSM) Tappi T 410 om-02 / ISO 536	Calliper (μm) Tappi T 411 om-97	Bulk cc/gm	Bending Resistance (L&W) mN -Tappi T556 om-95		
			MD	CD	GM
190	285	1.50	130	62	90
200	306	1.53	155	74	107
210	321	1.53	170	81	117
220	339	1.54	188	90	130
230	357	1.55	203	99	142
240	377	1.57	230	113	161
250	399	1.60	285	143	202
270	446	1.65	345	173	244
280	465	1.66	386	193	273
290	484	1.67	446	223	315
300	507	1.69	499	250	353
320	544	1.70	562	288	402
330	564	1.71	629	323	450
340	585	1.72	698	358	500
350	606	1.73	788	404	564
370	648	1.75	889	456	637
400	712	1.78	1020	523	730
420	748	1.78	1159	594	830
450	810	1.80	1309	671	937
Tol. : ± 3%	± 5%	± 5%	± 15% on Goemetric Mean values		

PARAMETER	UNIT	TEST PROCEDURE	VALUES
Plybond	(J/m ²)	Tappi T 569 pm-00	> 130
Roughness (PPS)	microns (μ)	Tappi T 555 om-99/ ISO 8791-4	1.8 (Max)
IGT Dry pick (MV)	m/s	ISO 3782 & 3783	0.8 (Min)
ISO Brightness TS	(%)	ISO 2470	85 (Min)
CIE Whiteness TS	(%)	ISO 11476	97 (min)
Gloss at 75°	(%)	Tappi T 480 om-92/ ISO 8254-1	35 (Min)
Cobb 60 - T/S	g/m ²	Tappi T441 om-98 / ISO 535	30 ± 5
B/S	g/m ²	Tappi T441 om-98 / ISO 535	35 ± 5
Moisture Content			
250 - 300 gsm	(%)	Tappi T412 om 02 / ISO 287	6.0 - 7.5
301 - 400 gsm	(%)		7.0 - 8.5

Board Construction



*** Note**

- 1 All Properties are according to Laboratory testing parameters at Emami Paper Mills Ltd, Unit:- Balasore
- 2 All Properties are tested in controlled climatic condition i.e.Temperature:-23±1°C and RH :-50±5%
- 3 This specification can be improved further, subject to product upgradation
- 4 Tolerance are based upon 95% Confidence limit of single mill measurement of conditioned random samples
5. This specification sheet superseeds all the earlier specification sheets
6. This product is Approved by INVENTIA-SWEDEN for direct food packaging application
7. FSC -Mix Credit board is supplied on demand.