



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

Date:-01.03.2022

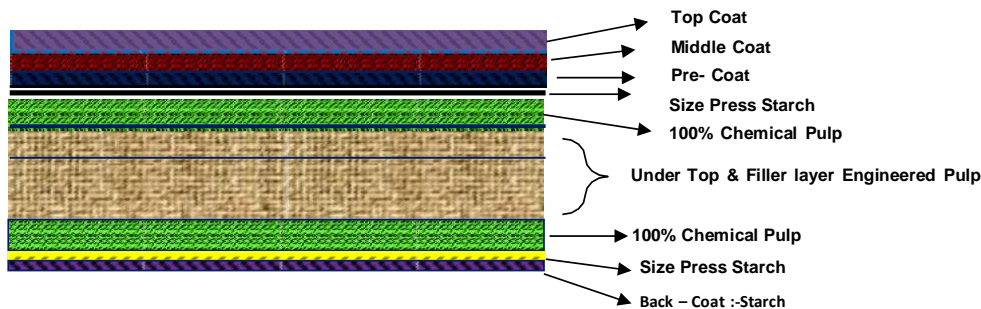
Rev:-06 (Updated)

Product: Emami Maxofold (High Bulk) Board

Substance (GSM) Tappi T 410 om-02 / ISO 536	Caliper (µm) Tappi T 411 om-97	Bulk cc/gm	Bending Resistance (L&W) mN -Tappi T556 om-95		
			MD	CD	GM
185	272	1.47	111	53	77
190	285	1.50	130	62	90
200	306	1.53	146	70	101
210	321	1.53	164	78	113
220	339	1.54	188	90	130
230	357	1.55	203	99	142
240	377	1.57	245	113	166
250	399	1.60	285	143	202
260	429	1.65	315	158	223
270	446	1.65	337	162	234
280	465	1.66	375	181	261
290	484	1.67	435	209	302
300	507	1.69	491	237	341
320	544	1.70	549	265	382
330	564	1.71	617	298	429
340	585	1.72	698	358	500
350	606	1.73	788	404	564
370	648	1.75	889	456	637
400	704	1.76	1020	523	730
420	743	1.77	1159	594	830
450	810	1.80	1309	671	937
Tol. : ± 3%	± 5%	± 5%	± 15% on Geometric Mean values		

PARAMETER	UNIT	TEST PROCEDURE	VALUES
Plybond	(J/m ²)	Tappi T 569 pm-00	130 (min)
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	40 max
B/S	g/m ²	Tappi T441 om-98 / ISO 535	50 max
Moisture Content			
180 - 300 gsm	(%)	Tappi T412 om 02 / ISO 287	5.5 - 7.5
301 - 400 gsm	(%)		7.0 - 8.5

Board Construction



*** Note**

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