



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

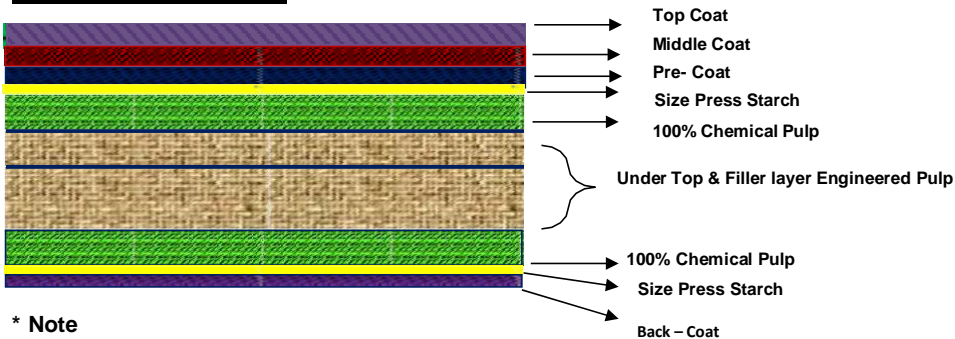
Date:-01.03.2022

Rev:-06 (Updated)

Product :Emami Maxofold Board

Substance (GSM) Tappi T 410 om-02 / ISO 536	Caliper (µm) Tappi T 411 om-97	Bulk (cm ³ /g)	Bending Resistance (L&W) mN -Tappi T556 om-95		
			MD	CD	GM
185	266	1.44	107	51	74
190	277	1.46	125	60	86
200	296	1.48	149	70	102
210	311	1.48	159	76	110
220	328	1.49	175	83	121
230	345	1.50	191	93	133
240	365	1.52	219	108	154
250	380	1.52	249	122	174
270	413	1.53	284	140	199
280	431	1.54	321	158	225
290	450	1.55	377	188	266
300	468	1.56	425	212	300
320	506	1.58	479	242	341
330	525	1.59	535	272	381
340	541	1.59	595	303	424
350	560	1.60	658	336	470
370	592	1.60	743	381	532
380	610	1.61	818	420	586
400	644	1.61	910	466	651
410	660	1.61	932	478	667
Tol. : ± 3%	± 5%	± 5%	± 15% on Geometric Mean values		
PARAMETER	UNIT	TEST PROCEDURE		VALUES	
Ply bond	(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 - TS	g/m ²	Tappi T441 om-98 / ISO 535		40 (Max)	
Cobb 60 - FL		Tappi T441 om-98 / ISO 536		150 (Max)	
Cobb 60 - BS	g/m ²	Tappi T441 om-98 / ISO 535		50 (Max)	
Moisture					
185 - 300 gsm	(%)	Tappi T412 om 02 / ISO 287		6.0 - 7.5	
301 - 450 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 supersedes 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.
8. This board is suitable for Deep-Freeze packaging application (Frozen Food, pharma, sea-food)

