



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

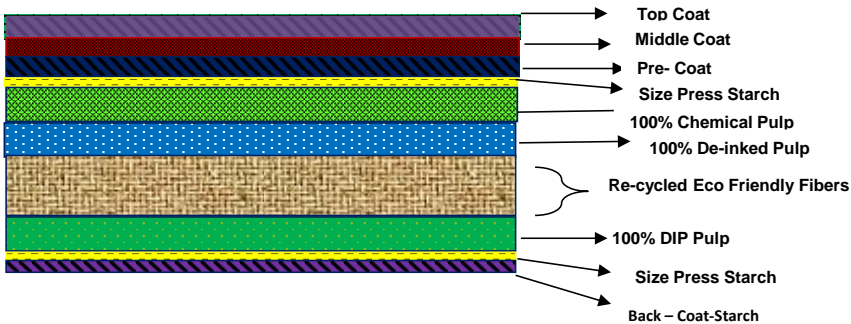
Date:-01.07.2018

Rev:-04

Product : Emami EcoStrong Board

Substance (GSM) Tappi T 410 om-02 / ISO 536	Calliper (µm) Tappi T 411 om-97	Bulk (cm ³ /g)	Bending Resistance(L&W) mN -Tappi T556 om-95		
			MD	CD	GM
200	260	1.30	92	44	64
210	273	1.30	103	49	71
220	286	1.30	114	55	79
230	299	1.30	127	62	89
250	325	1.30	167	82	117
270	351	1.30	200	99	141
280	364	1.30	220	109	155
285	370	1.30	237	117	167
290	383	1.32	255	127	180
300	396	1.32	270	135	191
310	409	1.32	294	147	208
320	432	1.35	324	162	229
330	446	1.35	345	174	245
340	459	1.35	391	197	278
350	473	1.35	415	213	297
360	486	1.35	445	228	319
370	500	1.35	480	246	344
380	513	1.35	535	275	384
390	527	1.35	567	291	406
400	540	1.35	625	320	447
420	567	1.35	695	356	497
430	581	1.35	733	376	525
440	594	1.35	765	392	548
450	608	1.35	798	409	571
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		2.8 (Max)	
IGT Dry pick (MV)	m/s	ISO 3782 & 3783		0.8 (Min)	
ISO Brightness TS	(%)	ISO 2470		78 (Min)	
Gloss at 75o	(%)	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					
230 - 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 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.