



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

SPECIFICATION SHEET

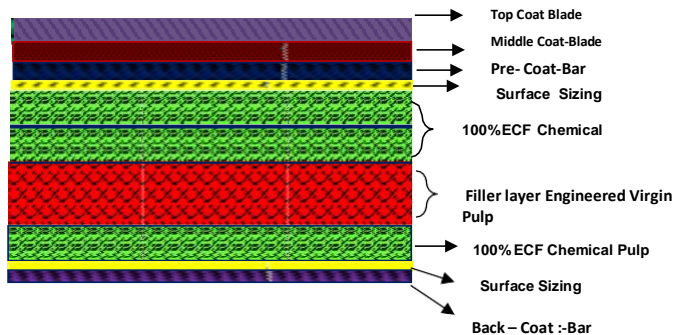
Date:-01.03.2022

Rev:-06 (Updated)

Product: Emami Glamkot

Substance (GSM) Tappi T 410 om-02 / ISO 536	Caliper (μ) Tappi T 411 om-97	Bulk cc/gm	Bending Resistance(L&W) mN- Tappi T556 om-95		
			MD	CD	GM
200	276	1.38	126	60	87
210	290	1.38	140	67	96
220	306	1.39	152	70	103
230	322	1.40	169	81	117
240	339	1.41	181	87	126
250	355	1.42	201	97	140
270	386	1.42	239	107	160
280	403	1.43	264	128	184
290	420	1.44	301	134	201
300	438	1.46	328	160	229
310	456	1.47	363	178	254
320	470	1.47	389	190	272
330	488	1.48	436	215	306
340	503	1.48	468	232	329
350	525	1.50	521	258	367
360	544	1.51	574	285	405
370	559	1.51	643	320	453
380	574	1.51	728	362	513
390	593	1.52	805	403	569
400	610	1.52	897	449	634
410	623	1.52	920	460	650
420	638	1.52	942	470	665
Tol. : ± 3 %	± 5 %		± 15 % on Geometric 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	1.2 (Min)	
ISO Brightness TS	(%)		ISO 2470	88 (Min)	
ISO Brightness BS	(%)		ISO 2470	88 (Min)	
CIE Whiteness TS	(%)		ISO 11476	125 (Min)	
CIE Whiteness BS	(%)		ISO 11476	125 (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 (%)					
200 - 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 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 productupgradation
- 4 Tolerance are based upon 95% Confidence limit of single mill measurement of conditioned random samples