



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

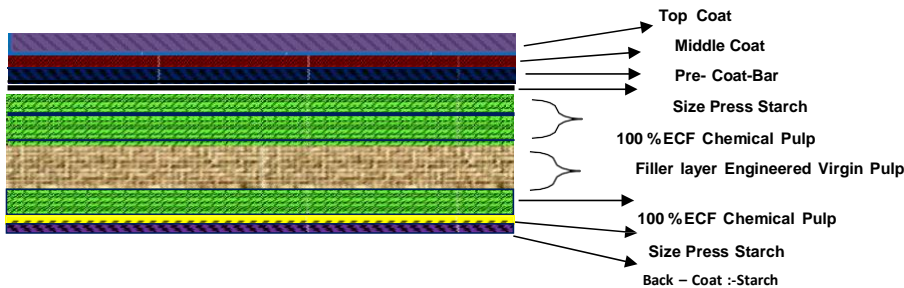
Date:-01.03.2022

Rev:-06 (Updated)

**Product: Emami Glamkot (HB)**

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
190	273	1.44	115	55	79
200	292	1.46	130	62	92
210	307	1.46	145	69	100
220	323	1.47	171	81	118
230	338	1.47	192	91	132
240	355	1.48	223	106	154
250	370	1.48	261	124	180
270	400	1.48	291	139	201
280	420	1.50	326	155	225
285	427	1.50	359	171	248
290	435	1.50	390	188	271
300	453	1.51	431	210	301
310	471	1.52	475	232	332
320	486	1.52	533	260	372
330	502	1.52	573	280	400
340	520	1.53	631	308	441
350	539	1.54	701	345	492
370	570	1.54	781	387	550
400	620	1.55	920	460	651
<b>Tol. : ± 3%</b>	<b>± 5%</b>	<b>± 5%</b>	<b>± 15% on Geometric Mean values</b>		
PARAMETER	UNIT	TEST PROCEDURE			VALUES
Scott Plybond	(J/M <sup>2</sup> )	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			1.0 (Min)
ISO Brightness TS	(%)	ISO 2470			88 ( Min)
ISO Brightness BS	(%)	ISO 2470			87 ( Min)
CIE Whiteness TS	(%)	ISO 11476			125 (Min)
CIE Whiteness BS	(%)	ISO 11476			120 (Min)
Gloss at 75°	(%)	Tappi T 480 om-92/ ISO 8254-1			35 (Min)
Cobb 60 - T/S	g/m <sup>2</sup>	Tappi T441 om-98 / ISO 535			40 max
B/S	g/m <sup>2</sup>	Tappi T441 om-98 / ISO 535			50 max
		Moisture (%)			
190 - 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.