

# EXTRA BOARD HB

PM-4 BOARD MACHINE UNIT:-BALASORE

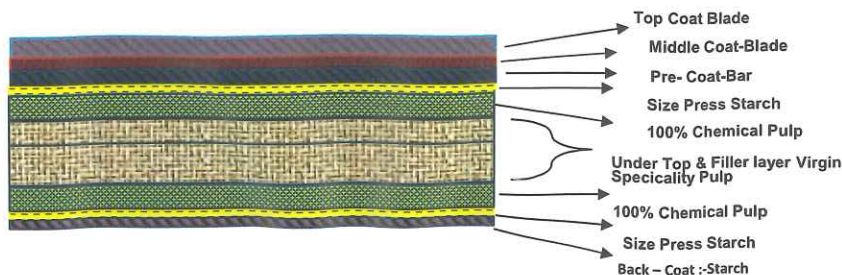
## SPECIFICATION SHEET

Date:-01.10.2016

Rev:-03

Substance (GSM) Tappi T 410 om-02 / ISO 536	Calliper (µm) Tappi T 411 om-97	Bulk cc/gm	Bending Resistance (L&W) mN -Tappi T556 om-95		
			MD	CD	GM
200	292	1.46	130	62	92
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	776	384	546
400	620	1.55	895	448	633
Tol. : ± 3%	± 5%	± 5%	± 15% on Goemetric Mean values		
PARAMETER	UNIT	TEST PROCEDURE		VALUES	
Scott Plybond	(J/m <sup>2</sup> )	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		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/m2	Tappi T441 om-98 / ISO 535		30 ± 5	
B/S	g/m2	Tappi T441 om-98 / ISO 535		35 ± 5	
		Moisture (%)			
250 - 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 tested in controlled climatic condition i.e. Temperature: 23±10C and RH : -50±5%
- 2 This specification can be improved further, subject to product upgradation
- 3 Tolerance are based upon 95% Confidence limit of single mill measurement of conditioned random samples
- 4 This specification sheet supersedes all the earlier specification sheets
- 5 This product is Approved by INVENTIA-SWEDEN for direct food packaging application
- 6 FSC – Mix Credit board is supplied on demand.