



ITC LIMITED – PSPD, UNIT: BOLLARAM

SPECIFICATION SHEET

Doc. No: SP/TES/FP/39 Ver. No: 7.0 Rev. No: 0.0 Page 1of 1 Issue Date: 01.01.2020

Grade Name	FILOBEV 1S
Grade Id	FBRR/FBVR
SPEC NO	1FBRR/FBVR /MGTH/PSPD/BOL/BAR

SUBSTANCE (GSM)	CALIPER (µM)	BENDING RESISTANCE(L&W) mN		
		Tappi T 556		
		MD	CD	GM
Tappi T 410	Tappi T 411			
170	223	54	25	37
175	230	61	28	41
180	236	69	32	47
185	243	82	38	56
195	257	93	43	63
200	265	102	46	68
205	270	103	48	70
210	277	109	51	75
215	284	117	54	79
225	297	134	62	91
235	311	151	70	103
245	324	158	73	107
255	338	188	87	128
265	351	225	96	147
275	365	238	110	162
285	378	281	130	191
295	392	311	143	211
305	405	330	153	225
315	419	352	163	240
325	432	359	166	244
335	446	380	176	259
345	459	402	186	273
355	473	422	195	287
TOL : ± 5%	± 5%			±15%

PARAMETER	UNITS	VALUE
COBB (3 Mins) TOP BACK	GSM	50 MAX ZERO
QS/TM/09 , Tappi T441		
MOISTURE Tappi T 412	%	6 ± 1
ROUGHNESS - BENDSTEN (Avg.) TOP BACK	ml/min	250 (350 MAX) 300 (400 MAX)
ISO 8791-2		
EDGEWICK - LA/23 TP84010	Kg/m ² /Hour	1.4 MAX
STRETCH MD CD	%	2.2 MIN 5.5 MIN
Tappi T 494		

Construction



- Note :**
- 1.) All Properties are according to ITC Limited, PSPD Unit:BOL Measurements
 - 2.) Test Climate 23°C ± 1 & 50% ± 2 RH
 - 3.) Tolerances are based upon 95% Confidence limits of single mill measurements of conditioned random samples
 - 4.) This product can be serviced with FSC Mix. Certificate Registration Code: SW CoC 004747 - B

ACCEPTED BY	HEAD MARKETING (PSPD)	ISSUED BY	UNIT HEAD (BOL)
SIGNATURE		SIGNATURE	



केन्द्रीय लुग्दी एवं कागज अनुसंधान संस्थान
Central Pulp & Paper Research Institute

An autonomous organisation under the administrative control of
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CPPRI/ SPPM Div/2019-20/R-12

TEST REPORT

Sample received from:	ITC LIMITED PAPERBOARDS & SPECIALTY PAPERS DIVISION, 106, Sardar Patel Road, ITC Bhadrachalam House, Secunderabad, Telangana
Ref. No. & Date:	Email Dated 18.04.2019
Sample Detail:	ITC INDOBASE - CUPSTOCK F&B (WBC) / FILOBEV
Testing Required:	Repulpability Test

Procedure:

For repulpability test, the ITC INDOBASE - CUPSTOCK F&B (WBC) sample was slushed in hydrapulper. Two approaches were undertaken for repulping based on pulper types used by mills i.e. low consistency repulping and high consistency repulping. The conditions maintained during evaluation are as follows:

Parameters	Low consistency repulping	High consistency repulping
Consistency (Cy), %	5	12
Temp, °C	Ambient	Ambient
Slushing time, min.	30	30

The pulp thus obtained was passed through sommerville vibratory screen having 0.15 mm slot and was tested for fibre yield and reject content. The results are summarized below:

Result:

Cy. (%)	Recovered Fibre Yield (%)	Reject (Unslushed Paper) %	Other losses (Fines & fillers) %
5	91-95.7	2.8-3.5	1.5-5.5
12	97-98.5	0.2-0.25	1.3-2.75

Remarks:

- The maximum achievable fibre recovery is around 98.5%.
- The reject content i.e. unslushed paper in ITC INDOBASE - CUPSTOCK F&B (WBC) sample is around 0.2%, which can be recycled back to the system.
- High consistency repulping i.e. 10-12% is recommended to obtain higher fibre recovery.
- Hansheet formation of screened pulp is good. Handsheet of 100 gsm is enclosed.

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