



Emami* PAPER MILLS

PAPER MACHINE -1,2&3., UNIT:-BALASORE

SPECIFICATION SHEET FOR EMAMI INTERLEAVING PAPER

Grade Name :	Emami Interleaving Paper with ash	SPEC NO : 01
Grade Id :	SFS	Format No : 1
Machine :	PMC # 3	Rev:-00

PARAMETERS	STANDARD	UOM	VARIANTS					TOLERANCE
			SFS-30	SFS-38	SFS-40	SFS-45	SFS-50	
SUBSTANCE	Tappi T410	gsm	30	38	40	45	50	± 2.5%
CALIPER	Tappi T411	μ	41	46	48	56	45	± 3%
BULK	Tappi T411	cc/g	1.35	1.25	1.20	1.20	1.15	± 3%
BRIGHTNESS	ISO 2470	% ISO	88	90	90	90	90	Minimum
CIE WHITNESS	ISO 11476	% ISO	89	92	92	92	95	Minimum
OPACITY	ISO 2471	% ISO	60	70	70	70	72	Minimum
ROUGHNESS - BENDTSEN (TS)	ISO 8791 - 2	ml/min	150	150	150	150	150	Maximum
ROUGHNESS - BENDTSEN (WS)	ISO 8791 - 2	ml/min	100	100	100	100	100	Maximum
POROSITY	Tappi T547	ml/min	400	400	400	400	400	Maximum
TEAR INDEX(MD)	Tappi T414	mNm ² /g	4.0	4.0	4.0	4.0	4.0	Minimum
TEAR INDEX (CD)	Tappi T414	mNm ² /g	5.0	5.0	5.0	5.0	5.0	Minimum
BREAKING LENGTH (MD)	Tappi T494	meters	7000	7000	7000	7000	7000	Minimum
BREAKING LENGTH (CD)	Tappi T494	meters	2000	2000	2000	2000	2000	Minimum
COBB SIZING (60 Secs)	Tappi T441	gsm	30	30	30	30	30	Maximum
L	ISO 2470	-	95.0	95.0	95.0	95.0	95.0	± 1
a	ISO 2470	-	-1.0	-1.0	-1.0	-1.0	-1.0	± 0.5
b	ISO 2470	-	-1.0	-1.0	-1.0	-1.0	-1.0	± 0.5
MOISTURE	Tappi T412	%	5.0	5.0	5.0	5.0	5.0	± 0.5

Note :

- 1) All Properties are according to Standard method.
- 2) Samples are tested at Test Climate 27°C ± 1 & 65% ± 2 RH
- 3) Tolerances are based upon 95% Confidence limits of single mill measurements of conditioned random samples

PM 1,2,3 Quality Assurance



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PAPER MACHINE - 1,2&3 UNIT:-BALASORE

SPECIFICATION SHEET FOR EMAMI INTERLEAVING PAPER

Grade Name :	Emami Interleaving Paper without ash	SPEC NO : 01
Grade Id :	OGC	Format No : 1
Machine :	PMC # 1	Rev:-00

PARAMETERS	STANDARD	UOM	Variants					TOLERANCE
			OGC-32	OGC-38	OGC-40	OGC-52	OGC-70	
SUBSTANCE	Tappi T410	gsm	32	38	40	52	70	± 2.5%
CALIPER	Tappi T411	μ	46	55	58	70	90	± 3%
BULK	Tappi T411	cc/g	1.45	1.45	1.45	1.35	1.28	± 3%
BRIGHTNESS	ISO 2470	% ISO	82	82	82	84	84	Minimum
CIE WHITNESS	ISO 11476	% ISO	72	72	72	72	72	Minimum
OPACITY	ISO 2471	% ISO	50	60	60	70	70	Minimum
ROUGHNESS - BENDTSEN (TS)	ISO 8791 - 2	ml/min	200	200	200	200	200	Maximum
ROUGHNESS - BENDTSEN (WS)	ISO 8791 - 2	ml/min	250	250	250	250	250	Maximum
POROSITY	Tappi T547	ml/min	100	100	100	100	100	Maximum
TEAR INDEX(MD)	Tappi T414	mNm ² /g	5.0	5.0	5.0	5.0	5.0	Minimum
TEAR INDEX (CD)	Tappi T414	mNm ² /g	6.0	6.0	6.0	6.0	6.0	Minimum
BREAKING LENGTH (MD)	Tappi T494	meters	7500	7500	7500	7500	7500	Minimum
BREAKING LENGTH (CD)	Tappi T494	meters	4000	4000	4000	4000	4000	Minimum
COBB SIZING (60 Secs)	Tappi T441	gsm	20	20	20	20	20	Maximum
L	ISO 2470	-	95.0	95.0	95.0	95.0	95.0	± 1
a	ISO 2470	-	-1.00	-1.00	-1.00	-1.00	-1.00	± 0.5
b	ISO 2470	-	3.00	3.00	3.00	3.00	3.00	± 0.5
MOISTURE	Tappi T412	%	5.0	5.0	5.0	5.0	5.0	± 0.5

Note :

- 1.) All Properties are according to Standard method.
- 2.) Samples are tested at Test Climate 27°C ± 1 & 65% ± 2 RH
- 3.) Tolerances are based upon 95% Confidence limits of single mill measurements of conditioned random samples

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