



ITC LIMITED - PAPERBOARDS AND SPECIALTY PAPERS DIVISION
UNIT :- BHADRACHALAM

SPECIFICATION SHEET

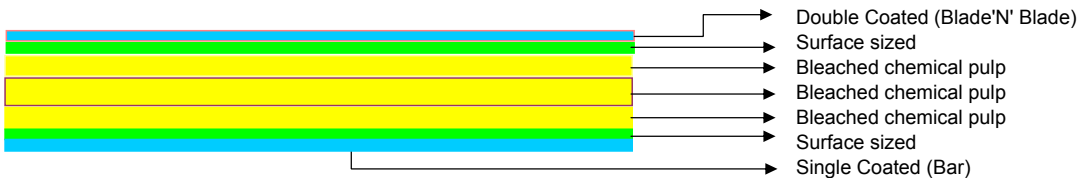
Grade Name : SAFIRE GRAPHIK
Grade Id : SAFG

SPEC NO : SG/GEN/PSPD/BCM/IV/002
Format No : F/10/16

SUBSTANCE (GSM)	CALIPER (µM)	BENDING RESISTANCE(L&W) mN		
		QS/TM/33		Tappi T556 om-95
QS/TM/55 Tappi T 410 om-98	QS/TM/06 Tappi T 411 om-97	MD	CD	GM
200	220	63	36	48
210	231	70	40	53
215	237	80	45	60
220	242	84	50	65
230	253	100	57	75
240	264	108	60	80
250	280	119	76	95
260	291	156	86	116
270	302	172	91	125
275	308	177	95	130
280	314	185	99	135
285	319	198	108	146
290	325	210	115	155
300	336	218	118	160
310	353	254	133	184
320	365	271	147	200
330	376	292	159	215
340	388	328	170	236
350	399	348	176	248
360	410	375	198	273
380	433	391	213	289
400	456	473	247	341
450	513	626	326	451
TOL : ± 3%	± 5%			± 10%

PARAMETER	UNITS	VALUE
PLY BOND (Avg.) QS/TM/40 , Tappi T 833 pm-94	J/m ²	150MIN
ROUGHNESS PPS (Avg.) TOP <240 241-300 GSM 301-450 GSM QS/TM/49 , Tappi T 555 pm-94	µm	1.8 MAX 2.3 MAX 2.5 MAX
BRIGHTNESS ISO TOP BACK QS/TM/04 , ISO 2469	%	91.5 ± 1.5 91.5 ± 1.5
WHITENESS CIE TOP BACK QS/TM/66 , Tappi T 560 pm-96	%	112.0 ± 4.0 112.0 ± 4.0
DELTA - E TOP QS/TM/12 , Tappi T 527 om-94		1.5 MAX
SURFACE STRENGTH IGT PICK (MED.VISCOSITY) QS/TM/31 , ISO 3782 & 3783	m/sec	0.7 MIN
GLOSS AT 75° (Ind.) QS/TM27 , Tappi T 480 om-92	%	40 MIN
MOISTURE CONTENT ≤300 GSM >300 GSM QS/TM/35 , Tappi T 412 om - 94	%	6.5 - 7.0 6.5 - 8.5

Construction



Note :

- 1.) All Properties are according to ITC Limited, PSPD Unit:BCM Measurements
- 2.) Test Climate 23°C/50%RH (Conditioning as per Tappi T 402 sp-98)
- 3.) Tolerances are based upon 95% Confidence limits of single mill measurements of conditioned random samples

VERSION NO.	2.0	ISSUE DATE	2/5/2006
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