



**ITC LIMITED - PAPER BOARDS AND SPECIALTY PAPERS DIVISION**  
UNIT :- BHADRACHALAM

**SPECIFICATION SHEET**

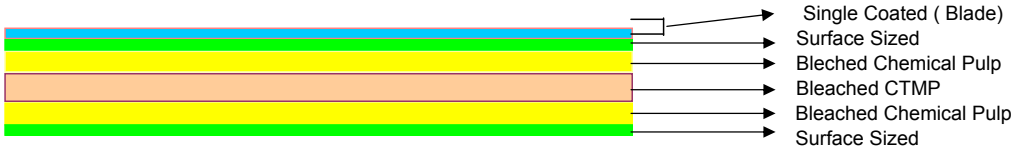
Grade Name : CYBER PLUS  
Grade Id : CYS

SPEC NO : CYX/GEN/PSPD/BCM/V/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	319	133	66	94
210	337	148	74	105
220	356	176	88	125
230	374	200	100	141
240	393	233	116	165
250	412	269	134	190
260	431	300	150	212
270	451	324	162	229
280	470	363	181	256
290	490	394	197	279
300	510	447	224	316
310	530	507	253	358
320	547	554	277	391
330	568	627	313	443
340	588	684	342	484
350	606	752	376	532
360	627	797	398	563
370	644	843	421	596
380	665	890	445	629
390	683	985	493	697
400	700	1102	551	779
TOL : ± 4%	± 5%			± 15%

PARAMETER	UNITS	VALUE
PLY BOND (Avg.) QS/TM/40 , Tappi T 833 pm-94	J/m <sup>2</sup>	150 MIN
ROUGHNESS PPS (Avg.) TOP	µm	
200 - 250 GSM		1.8 MAX
251 - 340 GSM		2.0 MAX
350 - 400 GSM		2.2 MAX
QS/TM/49 , Tappi T 555 pm-94		
BRIGHTNESS (ISO) TOP	%	85 MIN
QS/TM/04 , ISO 2469		
WHITENESS CIE TOP	%	85 MIN
QS/TM/66 , Tappi T 560 pm-96		
SURFACE STRENGTH IGT PICK (MED.VISCOSITY) QS/TM/31 , ISO 3782 & 3783	m/sec	0.7 MIN
GLOSS AT 75° (Ind) QS/TM/27 , Tappi T 480 om-92	%	45 MIN
MOISTURE CONTENT ≤300 GSM	%	6.0 - 7.5
>300 GSM QS/TM/35 , Tappi T 412 om - 94		7.0 - 8.5

**CONSTRUCTION**



**Note :**

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

APPROVED BY	Head - Marketing	ISSUED BY	Head - Technical
SIGNATURE		SIGNATURE	
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