



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

SPECIFICATION SHEET

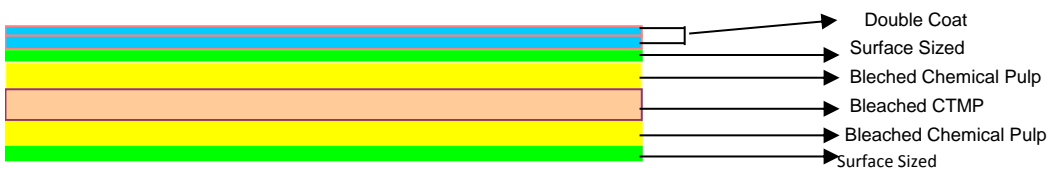
Grade Name : CYBER XL PREMIUM (GC2)
Grade Id : CYR

SPEC NO : CYX/CYR/PSPD/BCM/004
Format No : F/QISD/1

SUBSTANCE (GSM)	CALIPER (µM)	BENDING RESISTANCE(L&W) mN		
		QS/TM/33		Tappi T556
		MD	CD	GM
QS/TM/55 Tappi T 410	QS/TM/06 Tappi T 411			
200	330	141	71	100
210	346	159	79	112
220	363	192	96	136
230	379	216	108	153
240	398	263	131	186
250	417	312	156	220
260	437	346	173	245
270	456	375	188	265
280	476	426	213	301
290	495	462	231	326
300	516	519	260	367
310	537	566	283	400
320	554	594	297	420
330	575	649	325	459
340	592	684	342	484
350	613	779	390	551
360	633	843	422	596
370	655	893	447	632
380	677	955	477	675
390	699	1005	502	710
400	721	1040	520	736
410	739	1066	533	754
420	762	1111	556	786
430	780	1173	587	829
440	803	1237	619	875
450	826	1341	670	948
TOL : ± 4%	± 5%			-15%

PARAMETER	UNITS	VALUE
PLY BOND (Avg.) QS/TM/40 , Tappi T 833	J/m ²	150 MIN
ROUGHNESS PPS (Avg.) 200 - 250 GSM 251 - 340 GSM 350 - 400 GSM QS/TM/49 , Tappi T 555	µm	2.1 MAX 2.3 MAX 2.5 MAX
BRIGHTNESS (ISO) QS/TM/77, Tappi T 452	%	85 MIN
WHITENESS CIE QS/TM/78 , Tappi T 560	%	85 MIN
SURFACE STRENGTH IGT PICK (MED.VISCOSITY) QS/TM/31 , ISO 3782 & 3783	m/sec	0.7 MIN
GLOSS AT 75° (Avg.) QS/TM/27 , Tappi T 480	%	40 - 5 units
MOISTURE CONTENT ≤300 GSM >300 GSM QS/TM/35,Tappi T 412	%	6.0 - 7.5 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