



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

SPECIFICATION SHEET

Grade Name :CYBER XL PAC (GC2)
Grade Id : CYX (For Exports)

SPEC NO : CYX/EXP/PSPD/BCM/IV/002

GRAMMAGE g/m ² QS/TM/55 Tappi T 410 om-98	THICKNESS µm QS/TM/06 Tappi T 411 om-97	BENDING RESISTANCE			STIFFNESS	
		L&W 15 ^o mN QS/TM/33 Tappi T556 om-95			Taber 15 ^o mNm QS/TM/56 Tappi T 489 0m-99	
		MD	CD	GM	MD	CD
200	310	118	60	84	5.7	2.9
205	318	121	63	87	5.8	3.0
210	326	142	70	100	6.9	3.4
215	333	146	75	105	7.1	3.6
220	341	167	86	120	8.1	4.2
230	357	186	93	132	9.0	4.5
235	364	205	98	142	9.9	4.7
240	372	216	112	156	10.4	5.4
250	388	245	125	175	11.8	6.0
260	403	257	136	187	12.4	6.6
265	411	271	140	195	13.1	6.8
270	419	302	146	210	14.6	7.1
275	426	312	155	220	15.1	7.5
280	434	326	162	230	15.7	7.8
285	442	332	174	240	16.0	8.4
290	450	357	190	260	17.2	9.2
295	457	382	198	275	18.5	9.6
300	465	405	208	290	19.6	10.0
310	481	456	239	330	22.0	11.6
315	488	487	247	347	23.5	11.9
320	496	502	254	357	24.2	12.3
330	512	552	273	388	26.7	13.2
350	543	626	296	430	30.2	14.3
370	574	714	341	494	34.5	16.5
380	589	815	410	578	39.4	19.8
400	620	914	457	646	44.1	22.1
TOL : ± 3%	± 5%			± 10%	± 10%	

PARAMETER	UNITS	VALUE
PLY BOND (Avg.) QS/TM/40 , Tappi T 833 pm-94	J/m ²	150 MIN
ROUGHNESS PPS (Avg.) TOP	µm	1.5 MAX 1.8 MAX 2.0 MAX
200 - 250 GSM 251 - 340 GSM 350 - 400 GSM 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 ^o (Ind) QS/TM/27 , Tappi T 480 om-92	%	45 MIN
MOISTURE CONTENT ≤300 GSM >300 GSM QS/TM/35 , Tappi T 412 om - 94	%	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 (Conditioning as per Tappi T 402 sp-98)
- 3.) Tolerances are based upon 95% Confidence limits of single mill measurements of conditioned random samples

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