



ITC PAPERBOARDS & SPECIALTY PAPERS DIVISION



UNIT BHADRACHALAM

PRODUCT SPECIFICATION SHEET

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

Issued On : 01/04/2020
Last Reviewed On : 26/04/2021

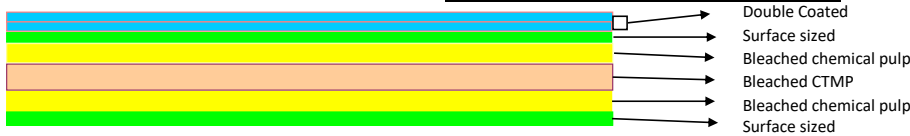
SUBSTANCE (GSM) (Avg) QS/TM/55 Tappi T 410	CALIPER (µM) (Avg) QS/TM/06 Tappi T 411	CALIPER (Pts)	BENDING RESISTANCE (L&W) mN			BENDING MOMENT (Taber 15°) mNm			TABER STIFFNESS (Taber 15°) gf.cm		
			QS/TM/33 Tappi T 556			QS/TM/33 Tappi T 489			Tappi T 489		
			MD	CD	GM	MD	CD	GM	MD	CD	GM
200	330	13.0	141	71	100	6.8	3.4	4.8	70	35	49
210	346	13.6	159	79	112	7.7	3.8	5.4	78	39	55
220	363	14.3	192	96	136	9.3	4.6	6.6	94	47	67
230	379	14.9	216	108	153	10.5	5.2	7.4	107	53	75
240	398	15.7	263	131	186	12.7	6.3	9.0	129	65	91
250	417	16.4	312	156	220	15.1	7.5	10.6	153	77	109
260	437	17.2	346	173	245	16.7	8.4	11.8	171	85	121
270	470	18.5	398	199	281	19.2	9.6	13.6	196	98	138
280	490	19.3	451	226	319	21.8	10.9	15.4	222	111	157
290	510	20.1	489	245	346	23.6	11.8	16.7	241	120	170
300	532	20.9	551	275	389	26.6	13.3	18.8	271	136	192
310	553	21.8	599	300	424	29.0	14.5	20.5	295	148	209
320	571	22.5	630	315	446	30.4	15.2	21.5	310	155	219
330	592	23.3	688	344	487	33.2	16.6	23.5	339	169	240
340	610	24.0	725	362	513	35.0	17.5	24.8	357	178	252
350	631	24.9	826	413	584	39.9	19.9	28.2	407	203	288
360	648	25.5	894	447	632	43.2	21.6	30.5	440	220	311
370	666	26.2	947	473	669	45.7	22.9	32.3	466	233	330
380	684	26.9	1012	506	716	48.9	24.4	34.6	498	249	352
390	694	27.3	1065	532	753	51.4	25.7	36.4	524	262	371
400	712	28.0	1103	551	780	53.3	26.6	37.7	543	272	384
410	722	28.4	1130	565	799	54.6	27.3	38.6	556	278	393
420	735	28.9	1178	589	833	56.9	28.4	40.2	580	290	410
TOL : ± 3%	± 5%	± 5%			-15%			-15%			-15%

PARAMETER	UNITS	VALUE
PLY BOND (Avg.) QS/TM/40 , Tappi T 569	J/m ²	150 MIN
ROUGHNESS PPS (Avg.) 200 - 250 GSM 251 - 340 GSM 350 - 400 GSM QS/TM/49 , Tappi T 555	µm	1.8 MAX 2.1 MAX 2.3 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	%	(35-5) MIN
MOISTURE GSM ≤ 300 GSM > 300 QS/TM/35 , Tappi T 412	%	7.0 ± 1.0 8.0 ± 1.0

MILL CERTIFICATIONS	
Manufacturing	ISO 9001: 2015, ISO 14001: 2015, BRC Global Standard, Issue-5
Environmental & Safety	FSC® CoC, Light ECF, CII GreenCo Platinum, OHSAS 18001: 2007
FOOD CONTACT COMPLIANCE	
USFDA	CFR 21 176.170 CFR 21 176.180
REACH SVHCs	Article 57, EC1907/2006, ECHA
ROHS/BFR XXXVI	EC1907/2006 EU2015/863 RoHS-EU/65/2011
CALIFORNIA PROPOSITION 65	NOT REQUIRED
AfPS German Standards	AfPS GS 2014.01 PAK
QUALITY INSPECTION & SERVICE LABORATORIES	
Fully NABL Accredited	

NOTE
1. All Properties are according to ITC PSPD Measurements
2. Test Climate 23°C ± 1 & 50% ± 2 RH
3. Tolerances are based upon 95% Confidence limits of single mill measurements of conditioned random samples

CONSTRUCTION



KEY USAGE				
F&B	FMCG	PHARMA	LIQUOR	DIGITAL

Spec No : **CYX/CYR/PSPD/BCM/006**

Format No : **F/QISD/1**