



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

DEVELOPMENT SPECIFICATION SHEET

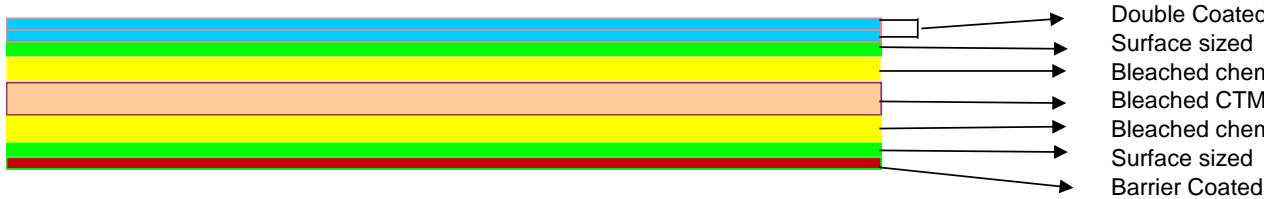
Grade Name : CYBER XLPAC (CYX) - GR Board
Grade Id : CYD

SPEC NO : CYX/CYD/PSPD/BCM/006
Format No : F/QISD/1

SUBSTANCE (GSM) (Avg.) QS/TM/55 Tappi T 410	CALIPER (µM) (Avg.) QS/TM/06 Tappi T 411	Bulk	BENDING RESISTANCE(L&W) mN		
			QS/TM/33		Tappi T 556
			MD	CD	GM
200	310	1.55	138	71	99
210	326	1.55	160	85	117
220	342	1.55	187	103	139
230	357	1.55	203	112	151
240	372	1.55	244	126	175
250	388	1.55	280	146	202
260	408	1.57	299	155	215
270	424	1.57	331	168	236
280	440	1.57	379	186	266
290	460	1.59	431	211	302
300	486	1.62	483	227	331
320	518	1.62	597	293	418
TOL : ± 3%	± 5%		-15%		

PARAMETER	UNITS	VALUE
PLY BOND (Avg.) QS/TM/40 , Tappi T 569	J/m ²	150 MIN
ROUGHNESS PPS (Avg.) TOP	µm	2.00 MAX
QS/TM/49 , Tappi T 555		
BRIGHTNESS (ISO) TOP	%	85 MIN
QS/TM/77 , Tappi T 452		
WHITENESS CIE TOP	%	85 MIN
QS/TM/78 , Tappi T 560		
SURFACE STRENGTH IGT PICK (MED.VISCOSITY) TOP		0.7 MIN
QS/TM/31 , ISO 3782 & 3783		
COBB (180 Seconds) TOP MIDDLE BOTTOM	g/m ²	< 50 < 100 < 50
QS/TM/81, Tappi T 441		
GLOSS AT 75° (Avg.) TOP	%	30 Min
QS/TM/27 , Tappi T 480		
MOISTURE GSM ≤ 300 GSM >300 QS/TM/35 , Tappi T 412	%	7.0 ± 1.0 8.0 ± 1.0

CONSTRUCTION



Note :
1) All Properties are according to ITC Limited, PSPD Unit:BCM 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
4) **KIT Levels - 8 & 12**

APPROVED BY	Head - Marketing	ISSUED BY	Head - Technical
SIGNATURE		SIGNATURE	
VERSION NO.	6.0	VERSION NO.	06/03/2019
REVISION NO.	0.0	REVISION NO.	1 of 1