



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

DEVELOPMENT SPECIFICATION SHEET

Grade Name : CYBER PROPAC
Grade Id : CYP

SPEC NO : CYX/GEN/PSPD/BCM/V/002

SUBSTANCE (GSM)	CALIPER (μM)	BENDING RESISTANCE(L&W) mN		
QS/TM/55	QS/TM/06	QS/TM/33 Tappi T556 om-95		
Tappi T 410 om-98	Tappi T 411 om-97	MD	CD	GM
200	287	123	62	87
210	303	142	71	100
220	318	162	81	115
230	332	191	95	135
240	349	215	107	152
250	363	239	120	169
260	378	285	142	201
270	395	316	158	223
280	410	329	165	233
290	427	383	192	271
300	445	417	208	295
310	459	482	241	340
320	477	511	255	361
330	495	563	282	398
340	514	618	309	437
350	532	663	331	469
360	551	741	371	524
370	569	785	392	555
380	588	839	419	593
390	604	883	441	624
400	620	914	457	646
TOL : ± 4%	± 5%			± 15%

PARAMETER	UNITS	VALUE
PLY BOND (Avg.)	J/m ²	150 MIN
QS/TM/40 , Tappi T 833 pm-94		
ROUGHNESS PPS (Avg.)	μm	
TOP		
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		
ACETIC ACID EXTRACTION	ppm	< 30
QS/TM/72		
BRIGHTNESS (ISO)	%	
TOP		82 MIN
QS/TM/04 , ISO 2469		
WHITENESS CIE	%	
TOP		76 MIN
BTM		60 MIN
QS/TM/66 , Tappi T 560 pm-96		
SURFACE STRENGTH		
IGT PICK (MED.VISCOSITY)	m/sec	0.7 MIN
QS/TM/31 , ISO 3782 & 3783		
GLOSS AT 75° (Ind)	%	35 MIN
QS/TM/27 , Tappi T 480 om-92		
MOISTURE CONTENT	%	
≤300 GSM		6.0 - 7.5
>300 GSM		7.0 - 8.5
QS/TM/35		

CONSTRUCTION



Note :

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