

PRODUCT SPECIFICATION SHEET

Grade Name : FBB - CYBER XL PAC(GCL)
Grade Id : BXHS

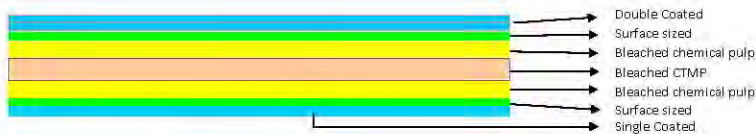
SUBSTANCE (GSM) (Avg)	CALIPER (µM) (Avg) Qs/TM/06 Tappi T 411	CALIPER (Pts)	BENDING RESISTANCE (L&W) mN			BENDING MOMENT (Taber 15°) mNm			TABER STIFFNESS (Taber 15°) gf.cm		
			Qs/TM/33 Tappi T 556			Qs/TM/33 Tappi T 489			Tappi T 489		
			MD	CD	GM	MD	CD	GM	MD	CD	GM
200	310	12.2	138	71	99	6.7	3.4	4.8	68	35	49
210	326	12.8	160	85	116	7.7	4.1	5.6	79	42	57
220	341	13.4	187	103	139	9.0	5.0	6.7	92	51	68
230	357	14.0	203	112	151	9.8	5.4	7.3	100	55	74
240	372	14.6	244	126	175	11.8	6.1	8.5	120	62	86
250	388	15.3	280	146	202	13.5	7.1	9.8	138	72	100
260	403	15.9	299	155	215	14.5	7.5	10.4	147	76	106
270	432	17.0	331	168	236	16.0	8.1	11.4	163	83	116
280	448	17.6	379	186	266	18.3	9.0	12.8	187	92	131
285	456	18.0	399	193	278	19.3	9.3	13.4	197	95	137
290	464	18.3	431	211	302	20.8	10.2	14.6	212	104	149
300	480	18.9	483	227	331	23.3	11.0	16.0	238	112	163
320	512	20.2	597	293	418	28.8	14.1	20.2	294	144	206
330	528	20.8	652	311	450	31.5	15.0	21.7	321	153	222
340	544	21.4	678	325	469	32.8	15.7	22.7	334	160	231
350	560	22.0	713	352	501	34.4	17.0	24.2	351	174	247
360	576	22.7	781	363	532	37.7	17.5	25.7	385	179	262
370	592	23.3	855	398	583	41.3	19.2	28.2	421	196	287
380	608	23.9	926	463	659	44.7	22.7	31.8	456	231	324
390	624	24.6	960	512	701	46.4	24.7	33.9	473	252	345
400	640	25.2	1073	540	761	51.8	26.1	36.8	528	266	375
410	656	25.8	1152	576	815	55.7	27.8	39.4	567	284	401
420	672	26.5	1210	604	855	58.4	29.2	41.3	596	297	421
430	688	27.1	1279	633	899	61.8	30.6	43.4	630	311	443
440	704	27.7	1339	674	950	64.7	32.6	45.9	659	332	468
450	720	28.3	1385	698	983	66.9	33.7	47.5	682	344	484
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.) TOP	µm	
GSM ≤ 250		1.50 MAX
250 < GSM ≤ 340		1.80 MAX
GSM > 340		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		
COBB 1MIN TOP BACK	GSM	50 MAX 100 MAX
Qs/TM/81, Tappi T 441		
SURFACE STRENGTH IGT PICK (MED.VISCOSITY) TOP	m/s	0.7 MIN
Qs/TM/31, ISO 3782 & 3783		
GLOSS AT 75° (Avg.) TOP	%	35 (-5)
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

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, EC/1907/2006, ECHA
ROHS/BFR XXXVI	EC/1907/2006 EU 2015/863 RoHS-EU/65/2011
CALIFORNIA PROPOSITION 65	NOT REQUIRED
AIPS German Standards	AIPS GS 2014.01 PAK
QUALITY INFORMATION & SERVICE LABORATORIES	
NABL Accredited (Compliance to ISO 17025:2005)	

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	LIQUOR	GARMENTS	PHARMA	CONSUMER ELECTRONICS	DIGITAL	CULTURAL/ CARDS

Spec No : BCX/BXHS/PSPD/BCM/006

Grade Name : AURA FOLD PREMIUM

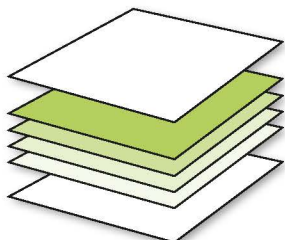
Grade Id : APM

SUBSTANCE(g/m ²)(Avg.)	CALIPER μm(Avg.)	BULK cc/g(Avg.)	BENDING STIFFNESS mN		
			MD	CD	GM
TOL : ±3%	TOL : ±5%	TOL : ±5%	TOL : -15%		
190	293	1.54	110	55	78
200	308	1.54	116	60	83
210	323	1.54	134	70	97
220	339	1.54	154	80	110
230	354	1.54	165	94	124
240	370	1.54	187	107	140
250	385	1.54	230	120	166
260	400	1.54	248	130	180
270	427	1.58	270	138	193
280	442	1.58	294	147	208
290	458	1.58	336	163	234
300	474	1.58	378	180	260
310	496	1.60	417	197	287
320	512	1.60	462	230	326
330	528	1.60	507	253	358
340	544	1.60	540	263	376
350	560	1.60	557	273	390
360	576	1.60	606	297	424
370	592	1.60	657	322	460
380	608	1.60	720	368	514
390	624	1.60	780	397	556
400	640	1.60	835	420	592
420 [#]	672	1.60	940	473	666
450 [#]	720	1.60	1076	546	767

PROPERTY		UOM	TOL	VALUE
MOISTURE	GSM : 190 to 250	%	±0.2	6.5
	GSM : 260 to 300	%	±0.3	6.7
	GSM : 310 to 350	%	±0.3	7.2
	GSM : 360 to 450	%	±0.3	7.7
ROUGHNESS PPS (Avg.) ,Max.	GSM : 190 to 260	μm	-	1.0
	GSM : 270 to 310		-	1.2
	GSM : 320 to 450		-	1.5
PLYBOND, min	-	J/m ²	-	150
COBB ₆₀ max	TS / BS	g/m ²	-	40/50
IGT DRY PICK, min	TS	m/s	-	0.80
GLOSS at 75° min	TS	%	-	45
BRIGHTNESS (ISO), min	TS	%	-	85
CIE WHITENESS, min	TS	%	-	95

SinarFOLD-VA

Economical grade white-back folding box board (GC1) which is developed to fulfill the customer demand of good packaging quality in terms of printing and converting process.



DOUBLE COATING	Min 20 gsm	Blade
TOP LAYER	NBKP + LBKP	
UNDER LAYER	DIP	
FILLER LAYER	BCTMP + DIP	
BACK LAYER	NBKP + LBKP	
COATING	8 - 10 gsm	

Grammage (g/m ²) T 410 om - 02	Caliper (pt)	Stiffness Taber 15° T 489 om - 04				Thickness (µm) ISO 534 : 1988 (E)
		CD (gf.cm)	MD (gf.cm)	CD (mNm)	MD (mNm)	
210 ± 3%	10.6 - 11.4	40	66	3.9	6.5	280 ± 10
230 ± 3%	11.8 - 12.6	44	77	4.3	7.5	310 ± 10
250 ± 3%	12.8 - 13.6	61	105	4.9	8.6	335 ± 10
270 ± 3%	14.0 - 14.8	77	132	7.5	12.9	365 ± 10
300 ± 3%	15.4 - 16.3	88	154	7.9	15.1	405 +10/-15
350 ± 3%	19.1 - 20.1	144	245	12.8	25.5	500 +10/-15
400 ± 3%	22.4 - 23.4	190	320	17.7	35.7	585 +10/-15

Tolerance for Stiffness : ± 10%

Roughness

210 - 350 gsm	Average	Top 1.4 µm
	Tolerance	Top Max 1.8 µm

PPS (1.0 MPa) T 555 om - 99

Gloss 75°

	%	Top 50 ± 5
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T 480 om - 05

Brightness

	%	Top 90 ± 1
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ISO 2470

Moisture Content

	%	6.5 ± 1
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T 412 om - 02

Internal Bond Strength

	Min 100 J/m ²
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SCOTT T 569 pm - 00

Water Absorption

COBB ₆₀	Top 35-55 g/m ²
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APPLICATIONS

Toiletries, Pharmaceuticals,
Detergents, Textiles, Tools, Household
Appliances, Hobby Items, Paper Products

PRINTING METHOD

Offset, Letterpress.



SPECIFICATION FOR REFERENCE ONLY