

Folding Box Board GC2

Technical Data Sheet

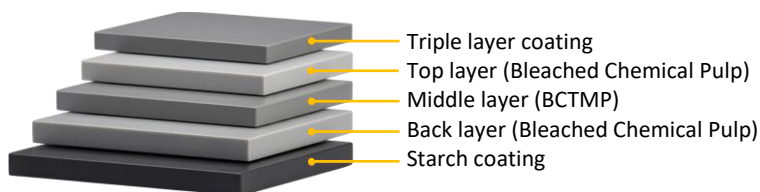
Product Description

A light-weighting folding boxboard with a cream reverse side used for retail packaging and branded products. With the hygienic properties, GC2 suitable for food packaging when coated with food-safe inks and coatings.

Features

Light-weight with extra yield gain, without compromising strength. Exceptional rigidity to maintain its shape and structural integrity.

Structure



End-use

Confectionery, food packaging, tea packaging and pharmaceuticals.

Rev.05
Issued on: Sep 08, 2026

Property	Unit	Tolerance	Value									Standard
Grammage	g/m ²	± 3%	200	215	230	250	270	290	300	325	350	ISO536
Grammage	lb/3000ft ²	± 3%	123	132	141	154	166	178	184	200	215	ISO536
Thickness	µm	± 4%	320	350	379	420	454	488	508	550	585	ISO534
Thickness	pt	± 4%	12.5	13.7	14.9	16.5	17.8	19.1	19.9	21.6	22.9	ISO534
Moisture	%	± 1.0	7.0	7.0	7.0	7.0	7.5	7.5	7.5	7.5	7.5	ISO287
Stiffness Taber 15° MD	mN.m	- 15%	7.2	9.3	12.4	15.7	18.5	24.3	29.0	34.2	40.5	ISO2493
Stiffness Taber 15° MD	gm.cm	- 15%	73.4	94.9	126.5	160.1	188.7	247.9	295.8	348.8	413.1	ISO2493
Stiffness Taber 15° CD	mN.m	- 15%	3.5	4.5	6.0	7.5	8.7	11.1	14.0	16.2	18.5	ISO2493
Stiffness Taber 15° CD	gm.cm	- 15%	35.7	45.9	61.2	76.5	88.7	113.2	142.8	165.2	188.7	ISO2493
Top Cobb (60s)	g/m ²	≤	50	50	50	50	50	50	50	50	50	ISO535
Top Cobb (60s)	lb/1000ft ²	≤	10	10	10	10	10	10	10	10	10	ISO535
Back Cobb (60s)	g/m ²	≤	60	60	60	60	60	60	60	60	60	ISO535
Back Cobb (60s)	lb/1000ft ²	≤	12	12	12	12	12	12	12	12	12	ISO535
Top Brightness	%	± 2	91	91	91	91	91	91	91	91	91	ISO2470
Gloss 75°	%	± 5	50	50	50	50	50	50	50	50	50	ISO8254
Surface Roughness PPS10	µm	Max 1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	ISO8791
Surface Strength	m/s	≥	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	ISO3783
Surface Strength	ft/s	≥	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	ISO3783
Scott Bond	J/m ²	Min 130	150	150	150	150	150	150	150	150	150	TAPPI T569
Scott Bond	ft.lbf/in ²	Min 0.062	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	TAPPI T569

Remarks

- All properties are tested according to ISO and TAPPI Standard.
- Tolerances, when specified, are based on 95% confidence limits on mill measurements of samples tested in standard conditions. According to ISO 187, (23°C/50% RH).