

Folding Box Board GC2 OBA Free

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 and OBA free, GC2 is suitable for food packaging when coated with food-safe inks and coatings.

Features

OBA Free, light-weight with extra yield gain without compromising the strength.

Structure



End-use

Confectionery, food packaging, sea food packaging, frozen food and pharmaceuticals.

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Property	Unit	Tolerance	Values								Standard
Grammage	g/m ²	± 3%	200	215	235	250	270	295	325	350	ISO536
Thickness	µm	± 4%	325	350	385	420	460	510	560	610	ISO534
Moisture	%	± 1.0	7.0	7.0	7.0	7.0	7.5	7.5	7.5	7.5	ISO287
Stiffness Taber 15° MD	mN.m	- 15%	8.2	10.0	13.2	15.8	20.9	29.3	34.2	40.5	ISO2493
Stiffness Taber 15° CD	mN.m	- 15%	4.0	4.9	6.5	7.8	10.3	14.5	17.1	20.2	ISO2493
Top Cobb (180s)	g/m ²	≤	60	60	60	60	60	60	60	60	ISO535
Back Cobb (180s)	g/m ²	≤	60	60	60	60	60	60	60	60	ISO535
Top Brightness	%	± 2	80	80	80	80	80	80	80	80	ISO2470
Gloss75°	%	± 5	45	45	45	45	45	45	45	45	ISO8254
Surface Roughness PPS10	µm	Max 1.5	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	ISO8791
Edge Wicking Lactic Acid 1%, 1 Hour	kg/m ²	≤	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	Internal Mill Standard
Surface Strength	m/s	≥	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	ISO3783
Scott Bond	J/m ²	Min 130	150	150	150	150	150	150	150	150	TAPPI T569

Remarks

1. All properties are tested according to ISO and TAPPI Standard.
2. 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).
3. This product is sufficient for food packaging application.

