

MULTICOLOR BELVEDERE

MCB / GT2

Code no. 32139



Mill

Mayr-Melnhof Kart. Frohnleiten Gesellschaft m.b.H., Austria

Last update of values 21.07.2019

1 Board structure

	Multiple pigment coating	% of total board	+/- in % of total	
	Printed PIW + PCW + Unprinted PIW	Virgin fibre	15	5
	Mechanical pulp + PCW	PIW	20	10
	BCTMP + Bleached chemical pulp + Unprinted PIW	PCW	55	10
	Pigmentation	Pigment coating	10	5
		Total	100	

2 Technical specifications

Grammage	Caliper	Stiffness				
		L&W 5° md	L&W 5° cd	L&W	Taber 15° md	Taber 15° cd
g/m ²	µm	mNm	mNm	$\sqrt{(\text{md} \times \text{cd})}$	mNm	mNm
230	305	10.1	4.6	6.8	5.4	2.5
250	340	15.4	7.0	10.4	7.5	3.4
280	380	20.9	9.5	14.1	10.8	4.9
300	410	25.0	11.4	16.9	13.2	6.0
320	435	31.8	13.3	20.6	16.2	6.8
350	490	43.0	17.2	27.2	20.6	7.8
380	540	54.6	21.9	34.6	25.3	10.1
400	565	61.8	24.8	39.1	28.2	11.3
420	590	70.6	28.3	44.7	32.5	13.0
450	625	78.7	31.5	49.8	37.9	15.2

Property	Value	Tolerances	Test standard
Brightness top (% Elrepho)	82	- 1	ISO 2470-2
Brightness reverse (% Elrepho)	68	+/- 2	ISO 2470-2
Grammage (g/m²)		+/- 2%	EN ISO 536
Caliper (µm)		+/- 5%, > 350 g/m ² +/- 3%	EN 20534
Stiffness (mNm)		- 15% ¹	DIN 53121
Testing climate	23°C	+/- 1°C	EN ISO 186
	50%	+/- 2% rh	
Recyclability	confirmed	in terms of the norm	EN 13430
Biodegradability	confirmed	in terms of the norm	EN 13432

¹Permissible: -15% of the target stiffness. This applies to 100% of all measured single values. The single value is a calculated average of five measurements per sheet. The stiffness has to be measured at both sides. The resulting average value is then the stiffness of the single sample. L&W figures are binding, Taber figures are indicative.

All figures mentioned above may be subject to technical changes.
Vs. last version only board structure was changed, technical values stay unchanged.

MULTICOLOR BELVEDERE

MCB / GT2 / Recycled Cartonboard

Code no. 32139



Mill

Mayr-Melnhof Kart. Frohnleiten Gesellschaft m.b.H., Austria

Last update of values 08.07.2019



Multicolor Belvedere – the top-selling GT on the European market – is available in a wide grammage range and is produced in the MultiMill concept. Manufactured both in Frohnleiten and in Hirschwang (Austria) Multicolor Belvedere meets important market requirements – consistent quality and high supply security, combined with short lead times.

Brightness Brightness

Top

Reverse

82 %

68 %

1 Features

- high brightness
- very good smoothness and opacity
- high stiffness
- MultiMill concept: high supply reliability and short lead times due to production in two mills

grammages:

230 250 280 300 320 350 380 400 420 450 g/m²

2 Applications*

- Dry Food
- Chilled Food (secondary packaging)
- Frozen Food
- Fruit and Vegetable
- Beverages (secondary packaging)
- Pharma and Health Care
- Cosmetics and Personal Care

3 Mill Certificates

Downloadable certifications

Forest management

FSC® [TUVDC-COC-100867-A](#)

FSC® [TUVDC-CW-100867-A](#)

PEFC™ [DC-COC-000867](#)

Environmental manag. [ISO 14001](#)

[EMAS](#)

Hygiene management [EN 15593 \(HACCP\)](#)

Quality management [ISO 9001](#)

4 Mill Informations

The mill Frohnleiten (Austria) offers the following features:

- pioneer of the latest technologies and innovations
- largest R&D center in the cartonboard industry globally
- highest production capacity in the European cartonboard industry
- strategically located to the Western, Eastern and Southern European markets
- short transportation routes and flexible service guaranteed

*It is a general recommendation for enduse applications; legally binding is only the declaration of compliance issued by MM Karton for each individual type of cartonboard.

If you are interested in Multicolor Belvedere or have any further questions, please contact WLC@mm-karton.com www.mm-karton.com