

MULTICOLOR MIRABELL

MCM / GD2

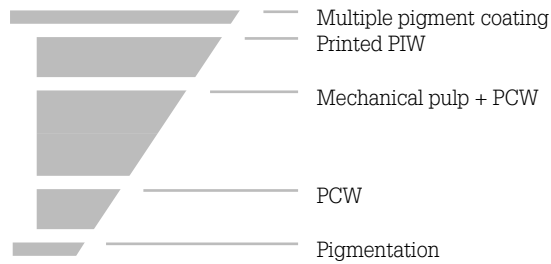
Code no. 42127



Mill

Mayr-Melnhof Gemsbach GmbH, Germany

1 Board structure



	% of total board	+/- in % of total
Virgin fibre	10	5
PIW	20	10
PCW	60	10
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
250	330	15.4	7.0	10.4	7.5	3.4
280	370	20.9	9.5	14.1	10.7	4.9
300	395	24.7	11.2	16.6	12.6	5.8
320	425	31.8	13.3	20.6	16.2	6.4
350	475	42.0	17.0	26.7	20.6	7.8
380	520	53.0	21.2	33.5	25.2	10.1
400	545	60.9	24.4	38.5	28.0	11.3
420	575	68.7	27.5	43.5	32.4	12.9
450	610	77.9	31.2	49.3	37.5	15.0
500	675	96.0	44.0	65.0	47.9	21.0

Property	Value	Tolerances	Test standard
Brightness top (% Elrepho)	82	- 1	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 board structure was changed, technical values were adapted.

MULTICOLOR MIRABELL

MCM / GD2 / Recycled Cartonboard

Code no. 42127



Mill

Mayr-Melnhof Gernsbach GmbH, Germany

Last update of values 05.02.2021



Multicolor Mirabell – the top-selling recycled cartonboard in Europe – has won many awards. Absolute reliability of delivery is guaranteed as production takes place in three locations: Gernsbach (Germany), Frohnleiten (Austria) and Neuss (Germany). Customers and distribution partners therefore benefit from maximum supply reliability as well as consistently high quality.

Brightness

Top

82 %

1 Features

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

grammages:

250 280 300 320 350 380 400 420 450 500 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-C](#)

FSC® [TUVDC-CW-100867-C](#)

PEFC™ [DC-COC-000867](#)

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

Quality management [ISO 9001](#)

Energy management [ISO 50001](#)

4 Mill Informations

The mill Gernsbach (Germany) offers the following features:

- one of the most efficient recycled cartonboard mills in Europe
- experienced, innovative production team and professional technical support
- strategically located to the Western and Eastern 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 Mirabell or have any further questions, please contact WLC@mm-karton.com www.mm-karton.com