BELPAK

BEL/GT2

1

(2)



MM Kolicevo d.o.o., Slovenia

 Multiple pigment coating Unprinted PIW
Printed PIW + Mechanical PCW
Unprinted PIW
Pigmentation

	% of total	+/- in % of total
Virgin fibre	20	5
PIW	50	10
PCW	20	10
Pigment coating	10	5
Total	100	
	PIW PCW Pigment coating	Virgin fibre20PIW50PCW20Pigment coating10

Technical specifications

Grammage	Caliper	Stiffness				
		L&W 5° md	L&W 5° cd	L&W 5°	Taber 15° md	Taber 15° cd
g/m²	μm	mNm	mNm	$\sqrt{(md \times cd)}$	mNm	mNm
230	305	13.2	6.0	8.9	7.3	3.0
250	330	16.7	7.3	11.0	9.3	3.7
280	370	22.0	9.6	14.5	11.9	4.7
300	400	28.0	12.2	18.5	14.7	5.9
320	430	34.0	14.8	22.4	17.9	7.2
350	465	43.8	19.0	28.9	22.4	8.9
400	530	62.2	27.0	41.0	31.1	11.9
450	605	82.6	34.4	53.3	39.3	14.9

Property	Value	Tolerances	Test standard
Brightness top	80	-1	ISO 2470-2
Brightness reverse	72	+/- 2	ISO 2470-2
Grammage (g/m²)		+/- 2%	ISO 536
Caliper (μm)		+/- 5%, > 350 g/m² +/- 3%	ISO 534
Stiffness (mNm)		- 15% ¹	DIN 53121
Testing climate	23°C 50%	+/- 1°C +/- 2% rh	ISO 187
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 5° figures are binding, Taber figures are indicative.

Mill

BELPAK

BEL / GT2 / Recycled Cartonboard

Code no. 32173



MM Kolicevo d.o.o., Slovenia

Mill

Last update of values 08.11.2022



1 Features

- good brightness
- consistent, stable quality
- high stiffness

Mill Certificates

Downloadable certifications Forest management

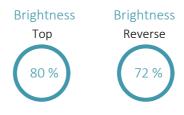
PEFC FSC® Hygiene management Food Safety Quality management 06-33-215 <u>C003336</u> <u>EN 15593 (HACCP)</u> <u>ISO 22000</u> ISO 9001

Storage Recommendation

temperature	relative humidity
20-23°C	50-55%

Please store in undamaged original wrapping film.

Belpak stands out above all on account of its excellent stiffness values and is ideal for use with high-quality packaging where the ecological benefit is considered to be vital.



2 Applications*

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

Mill Information

The mill Kolicevo (Slovenia) offers the following features:

- Board machine with swing mode
- Flexible production of virgin fibre and recycled cartonboard as well as liner
- Pioneer of product innovations (e.g. natural Kraft cartonboard)
- Experienced, innovative production team and professional technical support
- Strategically located to the Western, Eastern and Southern European markets
- Short transportation routes and flexible service guaranteed

Acclimatisation

Temperature difference Pallet to printing room 20°C	Time in printing room before unpacking in hours
5°C	10 11 12
10°C	20 22 24
15°C	30 34 35
20°C	40 46 50
Volume of pallet in m ³	0.7 1.0 1.4

Remove the packaging film just before printing. Optimum processing climate: 22-23°C, 50-52% rel. humidity.

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

If you are interested in Belpak or have any further questions, please contact marketing-boardpaper@mm.group www.mm-boardpaper.com