

## 1 Board structure

	% of total	+/- in % of total
Multiple pigment coating		
Bleached chemical pulp + Unprinted PIW	30	5
Printed PIW + Mechanical pulp + PCW	20	10
PCW + Unprinted Kraft PIW + Unbleached chemical pulp Pigmentation	40	10
Pigment coating	10	5
<b>Total</b>	<b>100</b>	

## 2 Technical specifications

Grammage	Caliper	Stiffness				
		L&W 5° md	L&W 5° cd	L&W 5°	Taber 15° md	Taber 15° cd
		mNm	mNm	$\sqrt[3]{(md \times cd)}$	mNm	mNm
280	380	26.5	11.0	17.1	12.7	6.0
300	410	30.7	12.8	19.8	16.1	6.5
320	434	36.4	15.2	23.5	18.8	7.8
350	470	44.9	18.7	29.0	21.0	9.3
380	515	59.4	24.7	38.3	30.8	12.5
400	545	68.8	28.7	44.4	35.0	14.9
450	605	94.7	39.5	61.2	39.5	20.2
500	670	126.0	48.5	78.2	60.0	25.0

Property	Value	Tolerances	Test standard
Brightness top	79	- 1	ISO 2470-2
Grammage (g/m <sup>2</sup> )		+/- 2%	EN ISO 536
Caliper (µm)		+/- 5%, > 350 g/m <sup>2</sup> +/- 3%	EN 20534
Stiffness (mNm)		- 15% <sup>1</sup>	DIN 53121
Testing climate	23°C	+/- 1°C	EN ISO 187
	50%	+/- 2% rh	
Recyclability	confirmed	in terms of the norm	EN 13430
Biodegradability	confirmed	in terms of the norm	EN 13432

<sup>1</sup>Permissible: -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.  
All figures mentioned above may be subject to technical changes.



With Grafopak Kraft, the name says it all: particularly high stiffness values and a brown, sales-enhancing reverse side ensure that this GT4 represents the best choice when the visual and haptic demands are especially high.

## Brightness

Top

79 %

## 1 Features

- brown Kraft reverse side
- excellent stiffness
- consistent, stable quality
- good printability

## 2 Applications\*

- Dry Food
- Chilled Food (secondary packaging)
- Frozen Food
- Fruit and Vegetable
- Beverages (secondary packaging)
- Detergent (powder)

## 3 Mill Certificates

Downloadable certifications

Forest management

FSC® [TUVDC-COC-100867-F](#)

FSC® [TUVDC-CW-100867-F](#)

PEFC™ [DC-COC-000867](#)

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

Quality management [ISO 9001](#)

## 4 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

## 5 Storage Recommendation

Storage conditions	temperature	relative humidity
Favorable dust free, climatized	20-25°C	40-55%

Please store in undamaged original wrapping film.

## 6 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 m³	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 Grafopak Kraft or have any further questions, please contact

[marketing-boardpaper@mm.group](mailto:marketing-boardpaper@mm.group)

[www.mm-boardpaper.com](http://www.mm-boardpaper.com)

[General Terms of Trade](#)