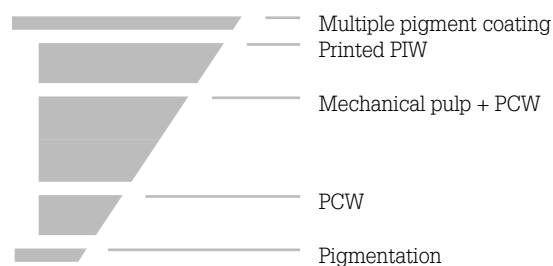


1 Board structure



	% 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	$\sqrt{(md \times cd)}$	mNm	mNm
250	330	13.2	5.7	8.7	7.0	2.8
280	360	19.0	8.0	12.3	10.2	4.0
300	400	22.5	10.0	15.0	11.8	5.0
320	430	28.0	12.0	18.3	15.0	6.0
350	475	35.5	16.0	23.8	18.9	7.8
380	500	42.5	19.5	28.8	22.2	9.7
400	545	51.0	23.0	34.2	26.4	11.3
420	570	58.0	26.0	38.8	30.1	12.9
450	610	68.0	30.0	45.2	34.6	14.6
475	645	83.0	37.0	55.4	41.9	17.9
500	685	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 only board structure was changed, technical values stay unchanged.



Printa – the reliable recycled cartonboard – owns the seal of origin, “made in Germany” and is a guarantee of reliable deliveries.

Brightness

Top

82 %

1 Features

- German quality
- good stiffness
- reliable deliveries

grammages:

250 280 300 320 350 380 400 420 450 475 500 g/m²

2 Applications*

- Dry Food
- 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.