

MM LINER

MML / LIN

Code no. 44103

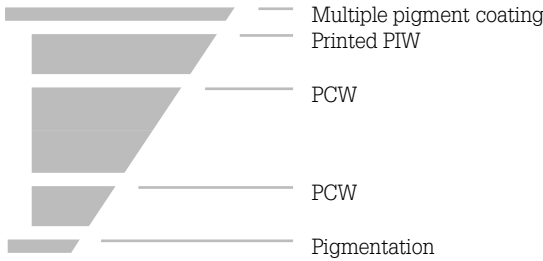


Mill

FS-Karton GmbH, Germany

Last update of values 23.04.2019

1 Board structure



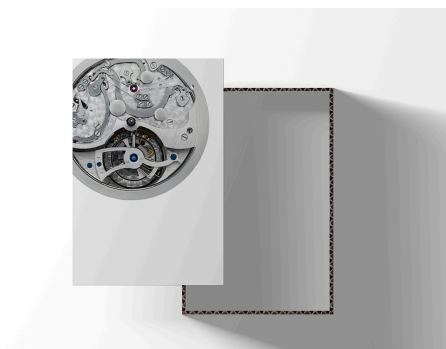
	% of total board	+/- in % of total
PIW	20	10
PCW	65	10
Pigment coating	15	5
Total	100	

2 Technical specifications

Grammage	Caliper	Burst strength	SCT cd
g/m ²	µm	kPa	kN/m
180	210	340	2.4
210	245	400	2.9
230	270	420	3.1

3

Property	Value	Tolerances	Test standard
Brightness top (% Elrepho)	80	- 1	ISO 2470-2
Smoothness PPS top (µm)	2.0	≤ 2.5	ISO 8791-4
Gloss 75° (%)	> 45		ISO 8254
Grammage (g/m²)		+/- 2%	EN ISO 536
Caliper (µm)		+/- 5%	EN 20534
Burst strength (kPa)		- 10%	ISO 2759
SCT cd (kN/m)		- 0.3	ISO 9895
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



MM Liner – the liner for high-volume applications – has been well-established in the market for many years for all forms of corrugated board applications. MM Liner combines an attractive appearance with optimum economic and ecological performance and is produced both in Neuss (Germany) and in Kolicovo (Slovenia) in accordance with the MultiMill concept. MM Liner meets important market requirements – consistent quality and high reliability of supply combined with short lead times.

Brightness

Top

80 %

1 Features

- high efficiency in printing process and further converting steps
- good brightness
- good smoothness and gloss
- MultiMill concept: high supply reliability and short lead times due to production in two mills

grammages:

180 210 230 g/m²

2 Applications*

- Fruit and Vegetable
- Beverages (secondary packaging)
- Detergent (powder)
- Shelf-Ready Packaging
- Other Non-Foods

3 Mill Certificates

Downloadable certifications

Forest management

FSC® [TUVDC-COC-100867-D](#)

FSC® [TUVDC-CW-100867-D](#)

PEFC™ [DC-COC-000867](#)

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

Quality management [ISO 9001](#)

Energy management [ISO 50001](#)

4 Mill Informations

The mill Neuss (Germany) offers the following features:

- high performance recycled liner and board machine – 5.25 m wide
- optimal reel width for recycled liner up to 2.8 m
- experienced, innovative production team and professional technical support
- strategically located to the Western, Eastern and Southern European markets
- flexible leadtimes and excellent 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 MM Liner or have any further questions, please contact
LINER@mm-karton.com www.mm-karton.com