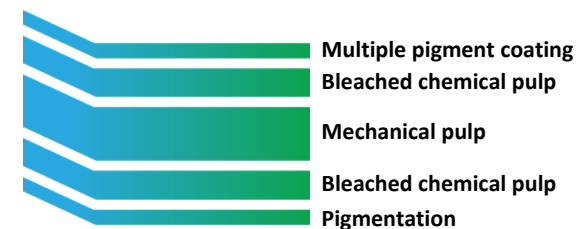


OPTT / GC1 code no. 11100
Technical specifications

Grammage	Caliper	Stiffness					
		L&W 5° md	L&W 5° cd	L&W 5° √(md x cd)	Taber 15° md	Taber 15° cd	
g/m ²	µm	mNm	mNm		mNm	mNm	
230	345	20.9	8.7	13.5	12.6	4.9	
250	385	26.8	11.4	17.5	15.6	6.3	
275	440	34.9	15.2	23.0	18.2	7.9	
300	490	44.7	19.5	29.5	23.7	9.9	
325	540	55.5	24.7	37.0	28.3	11.7	
350	590	65.3	29.7	44.0	33.7	14.2	
375	640	77.1	35.1	52.0	39.7	16.8	
400	690	90.9	42.3	62.0	44.9	19.1	
425	740	107.2	51.1	74.0	51.7	23.1	
450	790	124.6	59.3	86.0	59.8	26.2	

Tolerance and properties not related to grammage

Property	Value	Tolerances	Test standard
Brightness top (% Elrepho)	90	- 1	ISO 2470-2
Brightness reverse (% Elrepho)	84	+/- 1	ISO 2470-2
Grammage (g/m ²)		+/- 2%	EN ISO 536
Caliper (µm)		+/- 5%, > 350 g/m ² +/- 3%	EN 20534
Stiffness (mNm)		- 15%	DIN 53121
Stiff. L&W cd. (mNm)		- 15%	DIN 53121
Geometric Mean L&W (mNm)			DIN 53121
Stiffness (mNm)		- 15%	TAPPI T489
Stiffn. taber cd. (mNm)		- 15%	TAPPI T489
Recyclability ()		in terms of the norm	EN 13430
Biodegradability ()		in terms of the norm	EN 13432

Board structure


Virgin fibre 90% of total board (+/-5%)

Pigment coating 10% of total board (+/-5%)

Certificates and statements

- ISO 9001
- ISO 22000 (incl. HACCP)
- ISO 50001
- FSC
- PEFC
- HALAL
- Vegan*
- Code of Conduct (CoC)
- EURT - Timber Regulation No. 9952010 - (Declaration of origin)
- Food Safety Statement*
- Law and Regulations Statement*
- Chemical Statement*
- Migration Statement (MOSH/MOAH)

* Check our website for all details about our certificates and statements

 More information about our products, including our certificates, are available on www.folbb.com

†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.

OPTT / GC1 code no. 11100



Features

- impressive brightness
- excellent printing properties
- German quality
- excellent for hot foil and cold foil applications

Applications

- Dry Food
- Chocolate and Confectionery
- Food Service
- Pharma and Health Care
- Cosmetics and Personal Care
- Tobacco

Mill Information

- benchmark for service and constant quality
- specialised in cartonboard qualities for challenging applications
- experienced, innovative production team and professional technical support
- strategically located to the Western and Eastern European markets
- short transportation routes and flexible service guaranteed

Optimus Top – the optimum balance between luxury appearance and economic performance – is particularly well suited to smart, sophisticated packaging due to its excellent printing and runnability properties. Optimus Top is the reliable foundation for demanding production processes. Optimus Top is a genuine German quality product from the Black Forest.

If you are interested in OPTIMUS TOP or have any further questions, please contact sales.baiersbronn@folbb.com

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