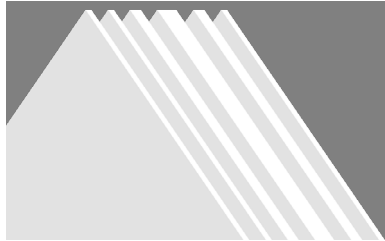


## Technical specifications



Top coating  
 Pre coating  
 Bleached chemical pulp  
 Groundwood pulp  
 Bleached chemical pulp  
 Reverse coating



## Typical technical values for PankaLux Plus

Property / Unit	Tolerance											Standards
Grammage, g/m <sup>2</sup>	±4%	310	335	360	385	410	435	460	485	510	535 <sup>1</sup>	ISO 536
Thickness, µm	±5%	530	580	620	680	730	780	840	895	950	1010	ISO 534
Moisture, %	±1.5	8.5	8.5	8.5	9.0	9.0	9.0	9.0	9.5	9.5	9.5	ISO 287
Bending moment Taber 15° MD, mNm	-15%	26.8	33.0	39.9	46.8	55.7	65.3	74.9	85.8	97.6	123.8	ISO 2493
Bending moment Taber 15° CD, mNm	-15%	12.2	15.0	18.1	21.3	25.3	29.7	34.1	39.0	44.4	56.3	

<sup>1</sup>Minimum production volume 10 tonnes

## Properties not related to grammage

Property / Unit	Tolerance	Values	Standards
ISO Brightness C/2°, %, top	±1.5	85	ISO 2470-1
ISO Brightness C/2°, %, reverse	±1.5	80	ISO 2470-1
Colour CIELAB L * C/2°, top		93.5	ISO 5631-1
Colour CIELAB a * C/2°, top		0.7	ISO 5631-1
Colour CIELAB b * C/2°, top		0.5	ISO 5631-1
Surface Smoothness, PPS 10, µm	±0.3	1.0	ISO 8791-4
Smoothness Bendtsen, top, ml/min	< 60	40	ISO 8791-2
Gloss 75°, %	> 40	40	ISO 8254-1
Scott Bond, J/m <sup>2</sup>	>110	130	TAPPI 569
Cobb 180 s top, g/m <sup>2</sup>	< 60	50	ISO 535
Cobb 180 s reverse, g/m <sup>2</sup>	< 60	50	ISO 535

All properties according to Pankakoski Mill measurements tested in manufacturing conditions  
 Test climate 23°C / 50%RH (according to ISO 187). Tolerances based upon 95% confidence limits, apply to reel average.  
 In order to verify, reel average shall be based on 5 single measurements randomly sampled within the reel. These averages will be for at least 19 of 20 reels within the specification limits.



For more information contact your local sales representatives or

Pankakoski Mill Oy  
 Ruukintie 2  
 FI-81750 Pankakoski  
 Finland

Tel. +358 (0) 10 480 4600

[www.pankaboard.com](http://www.pankaboard.com)

Scan to find your local Pankaboard sales contact

