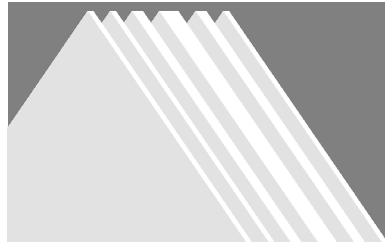


Technical specifications



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 ²	±4%	310 ¹	335 ¹	360	385	410*	435*	460*	485*	510 ^{1*}	535 ^{1*}	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	

¹Grammage produced upon special request only, 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 ²	>110	130	TAPPI 569
Cobb 180 s top, g/m ²	< 60	50	ISO 535
Cobb 180 s reverse, g/m ²	< 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.



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