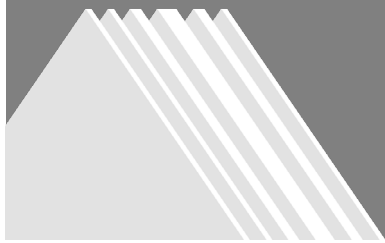


Technical specifications



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



Typical technical values for PankaLux

Property / Unit	Tolerance												Standards
Basic Weight, lb/1000 ft ²	±4%	63.5 ¹	68.6 ¹	73.7	78.9	84.0*	89.1*	94.2*	99.3*	104.5 ¹ *	109.6 ¹ *		ISO 536
Caliper, pts	±5%	20.5	22.4	24.0	26.4	28.3	30.3	32.7	34.8	37.0	39.4		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, gcm	-15%	273	337	407	477	568	666	764	875	995	1263		ISO 2493
Bending moment Taber 15° CD, gcm	-15%	124	153	185	217	258	303	348	398	453	574		

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, Lbfft/1000 in ²	> 48	53	TAPPI 569



*Available as carbon neutral on request

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