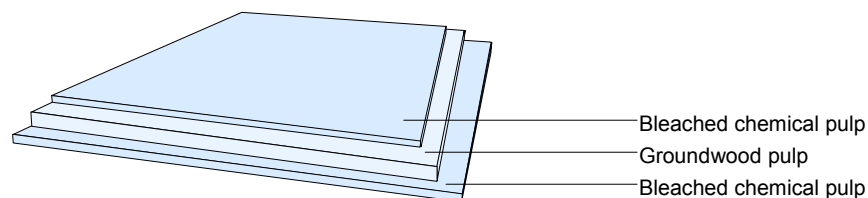


Uncoated folding boxboard (UC2)



Typical technical values for PankaStar

Property / Unit	Tolerance											Standards
Grammage, g/m ²	±4%	230	260	300	340	360	400	420	470	500	550	ISO 536
Thickness, µm	±5%	390	430	500	580	620	700	740	840	900	1000	ISO 534
Moisture	±1.5%	8.0	8.0	8.0	8.0	8.5	8.5	8.5	9.0	9.0	9.0	ISO 287
Surface Smoothness, Bendtsen, ml/min		200	200	300	300	300	400	400	400	500	600	ISO 7891-2
Bending moment Taber 15° MD, mNm	-15%	12.0	17.0	27.0	39.8	47.0	56.1	65.3	78.0	93.7	110.0	ISO 2493
Bending moment Taber 15° CD, mNm	-15%	4.5	7.0	11.0	16.2	19.1	22.9	26.7	34.5	38.3	48.5	
Bending stiffness DIN 5° MD, mNm		26.1	36.1	54.2	79.9	94.4	112.6	131.1	151.2	188.1	228.9	
Bending stiffness DIN 5° CD, mNm		10.0	16.1	22.1	32.5	38.4	46.0	53.6	61.6	76.9	97.4	
Bending resistance L&W 15° MD, mN		271	375	563	830	980	1170	1362	1570	1954	2293	
Bending resistance L&W 15° CD, mN		104	167	229	338	398	477	557	640	799	1011	

Properties not related to grammage

Property / Unit	Tolerance		Standards
ISO Brightness C/2°, %	±1.5	75	ISO 2470
Scott Bond, J/m ²		110	TAPPI 569
Cobb (60s) top, g/m ²		30	ISO 535
Cobb (60s) reverse, g/m ²		30	ISO 535

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All properties according to Pankaboard measurements

L&W and DIN stiffness values are derived from Taber and should be treated as indication only

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.