BILLERUDKORSNÄS

Technical Data Sheet | Metric

CrownBoard Prestige™

Fully coated top side
Top: Bleached chemical pulp
Middle: Bleached CTMP reinforced with bleached chemical pulp
Bottom: Bleached chemical pulp
Light coated reverse side

Product description

CrownBoard Prestige™ combines strength and printability in a unique way. The strong, stiff and tough board gives top performance throughout the product range. A high-white, coated surface offers outstanding print results giving the packaging a sophisticated visual appearance that enhances the contents. CrownBoard Prestige is made out of 100% primary wood fibres. Produced in Sweden.

Certification

Our mills are certified in accordance with ISO 9001, ISO 14001, ISO 50001, FSSC 22000. PEFC CoC and FSC® CoC Licence FSC-C004906 available. The product is in compliance with FDA and BfR regarding food contact applications, for restriction and limitations ask your sales person. Recyclable in accordance with EN 13430:2004 and EN 13431:2004.

Property / Unit	Method	Tolerance									
Basis weight g/m²	**ISO 536**	**±4%**	**170**	**200**	**220**	**235**	**265**	**290**	**315**	**340**	**370**	**400**
Caliper microns	**ISO 534**	**±4% or max ±20µm**	**205**	**255**	**290**	**305**	**355**	**405**	**455**	**505**	**555**	**605**
Caliper points		**±4%**	**8.1**	**10.0**	**11.4**	**12.0**	**14.0**	**15.9**	**17.9**	**19.9**	**21.9**	**23.8**
Bending resistance, L&W 15⁰ MD mN	ISO 2493	-15%	65	115	172	212	300	430	550	650	840	1070
Bending resistance, L&W 15⁰ CD mN	ISO 2493	-15%	31	55	82	101	150	230	290	355	460	580
Internal bond strength J/m²	T569	min 100	150	150	150	150	150	150	150	150	150	150
Tearing resistance GM mN	ISO 1974		1900	2300	2700	3100	3800	4250	4800	5500	6300	7300
CIE Whiteness TS %	ISO 11475	min 120	125	125	125	125	125	125	125	125	125	125
CIE Whiteness RS %	ISO 11475	min 97	102	102	102	102	102	102	102	102	102	102
Roughness, PPS-10 TS microns	ISO 8791-4	max 1.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Roughness, Bendtsen TS ml/min	ISO 8791-2	max 120	50	50	50	50	50	50	50	50	50	50
Roughness, Bendtsen RS ml/min	ISO 8791-2	max 900, 1300*	500	500	500	500	500	500	500	500	500	500
Cobb 60" TS g/m²	ISO 535	max 60	35	35	35	35	35	35	35	35	35	35
Cobb 60" RS g/m²	ISO 535	max 60	35	35	35	35	35	35	35	35	35	35
Moisture content %	ISO 287	±1.2	7.3	7.3	7.3	7.4	7.4	7.5	7.7	7.9	8.1	8.3

*) For 340 - 400 g/m²

- Issued on the 5th of June, 2019. Revised on the 20th of October 2021.
- This specification might be revised, if considerable changes in the production conditions are necessary, or customer demands so require.
- Testing climate 23⁰C, 50% RH.
- Min/max property values are lower resp. upper limit values for 95% confidence interval of the tested properties and are based on measurements on tambour basis.
- During the converting process, especially the bending stiffness values might be influenced negatively.