



## BillerudKorsnäs White

### Product description

BillerudKorsnäs White is a strong coated cartonboard made out of 100 % virgin fibres. The coated surface provides excellent printing results. BillerudKorsnäs White is suitable for chocolate & confectionary, luxury drinks, health & beauty care, fashion & media products and food packages.

### Produced in Sweden

### Grammages

220, 235, 255, 270, 290, 315, 340, 370, 400 g/m<sup>2</sup>

### Certification

The Frövi mill is certified in accordance with ISO 9001, ISO 14001, ISO 50001, FSSC 22000, FSC CoC & PEFC CoC. In addition to that the products produced at the mill are in compliance with FDA and BfR packaging regulations.

Property	Unit	Method	Tolerance	220	235	255	270	290	315	340	370	400
Basis weight	g/m <sup>2</sup>	ISO 536	±5%	220	235	255	270	290	315	340	370	400
Caliper	microns	ISO 534	±6%, ±5%*	285	315	345	380	420	465	510	560	620
Bending resistance												
L&W 15° MD	mN	ISO 2493	-15%	200	220	250	310	430	550	680	860	1100
L&W 15° CD	mN	ISO 2493	-15%	95	110	125	170	230	290	370	480	610
Internal bond strenght	J/m <sup>2</sup>	T569	min 100	150	150	150	150	150	150	150	150	150
Tearing resistance GM	mN	ISO 1974		2700	3100	3300	3900	4250	4800	5500	6300	7300
Compression strength												
SCT MD	kN/m	ISO 9895		5.8	6.1	6.3	6.7	6.9	7.2	7.7	8.3	8.8
SCT CD	kN/m	ISO 9895		4.3	4.5	4.7	5.2	5.5	5.7	6.3	6.8	7.2
D65 Brightness TS	%	ISO 2470-2	min 90	95	95	95	95	95	95	95	95	95
D65 Brightness RS	%	ISO 2470-2	min 80	85	85	85	85	85	85	85	85	85
CIE Whiteness TS	%	ISO 11475	min 107	112	112	112	112	112	112	112	112	112
CIE Whiteness RS	%	ISO 11475	min 86	91	91	91	91	91	91	91	91	91
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
Bendtsen TS	ml/min	ISO 8791-2	max 120	50	50	50	50	50	50	50	50	50
Bendtsen RS	ml/min	ISO 8791-2	max 900, 1300**	500	500	500	500	500	500	500	500	500
Gloss TS	%	ISO 8254-1		45	45	45	45	45	45	45	45	45
Cobb 60" TS	g/m <sup>2</sup>	ISO 535	max 60	35	35	35	35	35	35	35	35	35
Cobb 60" RS	g/m <sup>2</sup>	ISO 535	max 60	35	35	35	35	35	35	35	35	35
Moisture content	%	ISO 287	±1.2	7.3	7.4	7.4	7.5	7.6	7.7	7.9	8.1	8.3

\*) For 315 - 400 g/m<sup>2</sup>, \*\*) For 300 - 400 g/m<sup>2</sup>

- Testing climate 23°C, 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.
- This specification might be revised, if considerable changes in the production conditions are necessary, or customer demands so require.