

Billerud CrownBoard Craft

Production unit: Frövi

Technical Data Sheet

Metric



Fully coated top side
 Top: Bleached chemical pulp
 Middle: Unbleached CTMP with unbleached chemical pulp
 Bottom: Unbleached chemical pulp
 Uncoated reverse side

Product description

CrownBoard Craft® is all about quality and strength. Optimized strength/weight ratio makes it safe to lightweight without compromising on the packaging performance. The naturally brown reverse side opens up for additional design possibilities and the white fully-coated top side offers high quality printability. CrownBoard Craft® 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 Certification is available. The product is in compliance with FDA and BfR regarding food contact applications, for restriction and limitations ask your Billerud sales representative. Recyclable in accordance with EN 13430:2004 and EN 13431:2004.

Property	Unit	Method	Tolerance										
Basis weight	g/m²	ISO 536	±4%	245	265	285	300	315	330	345	375	405	460
Caliper microns	µm	ISO 534	±4% or max ±20µm	365	400	430	455	480	510	535	585	630	745
Caliper points	pt		±4%	14.4	15.7	16.9	17.9	18.9	20.1	21.1	23.0	24.8	29.3
Bending resistance, L&W 15° MD	mN	ISO 2493	-20%	310	370	460	555	630	730	860	1065	1175	1600
Bending resistance, L&W 15° CD	mN	ISO 2493	-20%	145	175	220	260	320	360	430	580	670	980
Z-strength	kPa	ISO 15754	min 260	325	325	325	325	325	325	325	325	325	325
Tearing resistance GM	mN	ISO 1974		3700	4300	4700	5200	5700	6200	6700	7800	8700	10400
CIE Whiteness TS	%	ISO 11475	min 89	93	93	93	93	93	93	93	93	93	93
Roughness, PPS-10 TS	µm	ISO 8791-4	max 2.8	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
Roughness, Bendtsen RS	ml/min	ISO 8791-2	max 1500*, 1600**, 1700***, 1800****	1000	1000	1000	1100	1100	1200	1200	1200	1300	1300
Cobb 60" TS	g/m ²	ISO 535		35	35	35	35	35	35	35	35	35	35
Cobb 60" RS	g/m ²	ISO 535		35	35	35	35	35	35	35	35	35	35
Moisture content	%	ISO 287		7.6	7.7	7.8	7.9	8.0	8.1	8.2	8.4	8.5	8.5

- Issued on the 5th of June, 2019. Revised on the 20th of August 2024.
- Values may be subject to change without notice.
- Testing climate 23°C, 50% RH.
- Billerud production units are certified according to FSC® and PEFC Chain of Custody standards, which both demonstrate traceability. Licence codes: FSC-C004906 and PEFC/05-33-114
- FSC® and PEFC certified products are available on request.

- 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.

*) For 245 - 285 g/m², **) for 300-315 g/m²,
) for 330-375 g/m², *) for 405-460 g/m²