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Report No.: 01150-1 DGN23
Date: 01.03.23
Order No.: 23L-001163
Date of order: 27.02.23
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Test Report

Order description:

Material test

Article Name	Tencel Bamboo "double"
Article No.	17720 - White
Condition of sample at delivery	no defects
Arrival date	27.02.23
Test start date	27.02.23
Test end date	01.03.23



Limit lists

Chem.	Customer test requirements
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Final conclusion: PASS

Test results and evaluation are only related to tested items and to performed methods. Detailed information regarding measurement uncertainties are available on request. Unless otherwise stated, the statement of conformity decision will be made without taking the measurement uncertainty into account.

S. Kin Wang

Sikin Wang

Organic&Inorganic Leader, Chemical Laboratory

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Summary

23-003017-01 - Tencel Bamboo "double"

Brand name: Go handmade

ALL TEST RESULTS COMPLY WITH THE REQUIREMENTS ACCORDING TO THE SCOPE OF ANALYSIS.

Overview of Chem. testing

Sample no	Type / Style
23-003017-01	-

Component list	
No	Components
01	White natural fibre

Customer requirements evaluation				
	Components			
	Tested	Result	Failed	Not tested
Migration of certain elements (DIN EN 71-3)	01	PASS		

Legend: Chem.: chemical tests, Phys.: physical tests, m.s.: composite sample, n.d.: not determined, n.a.: not applicable, n.t.: not tested, i.m.: insufficient material, sum: see summary, s.c.: see component, pos: positive, neg: negative, min: minimum limit, max: maximum limit, BL: below limit, IN: inconclusive

Detailed results of Chem. testing

Sample no: 23-003017-01

Migration of certain elements (DIN EN 71-3)

Sample type: Chem.

Norm: EN 71-3:2019+A1:2021

Issue date: 2021-05

			01
Parameter	Unit	Limit	Result
Aluminum (Al): EN 71-3 category 3	mg/kg	28130	<5
Antimony (Sb): EN 71-3 category 3	mg/kg	560	<5
Arsenic (As): EN 71-3 category 3	mg/kg	47	<2.5
Barium (Ba): EN 71-3 category 3	mg/kg	18750	<5
Boron (B): EN 71-3 category 3	mg/kg	15000	<5
Cadmium (Cd): EN 71-3 category 3	mg/kg	17	<2.5
Chromium III (Cr III): EN 71-3 category 3	mg/kg	460	<5
Chromium VI (Cr VI): EN 71-3 category 3	mg/kg	0.053	<0.053
Lead (Pb): EN 71-3 category 3	mg/kg	23	<5
Manganese (Mn): EN 71-3 category 3	mg/kg	15000	<5
Mercury (Hg): EN 71-3 category 3	mg/kg	94	<5
Nickel (Ni): EN 71-3 category 3	mg/kg	930	<5
Selenium (Se): EN 71-3 category 3	mg/kg	460	<5
Strontium (Sr): EN 71-3 category 3	mg/kg	56000	7.91
Tin (Sn): EN 71-3 category 3	mg/kg	180000	<2.5
Zinc (Zn): EN 71-3 category 3	mg/kg	46000	<5
Organo tin compounds DIN EN 71-3 category 3	mg/kg	12	<12
Cobalt (Co): EN 71-3 category 3	mg/kg	130	<5
Copper (Cu): EN 71-3 category 3	mg/kg	7700	<5
Evaluation			PASS

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The tested item was selected by the client. Remaining test material is disposed after 3 months. The report must not be reproduced except in full content without the written approval of the testing laboratory. The report is signed digitally and password protected. For printing use the print option -document and comments-. The amount of minor components may be insufficient to perform the announced tests. In this case the test report will carry the mark: component insufficient for lab test. If testing of all components is required we need a sufficient amount of all minor components.

Migration of certain elements (DIN EN 71-3)

Test method: EN 71-3:2019+A1:2021

standardized method

The metals are eluted from the material sample by using 0,07 molar HCl with a ratio of 1:50 , then determined by ICP-MS