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Zurich/ 16.08.2023 / meal

Test Report BJ025 225290.1

Application
7. Renewal of certificate BJ025 120752 - based partly on materials already certified according to OEKO-TEX® STANDARD 100, Product Class I, Annex 4

Test Material
1 sample of 100%silk filling in raw, 1 sample of 100%cotton woven fabric, bleached in white

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TESTEX AG
Swiss Textile Testing Institute

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Annex:
Certificate BJ025 120752 valid to 31.08.2024

1 Summary

The results of this test report can be used as basis for an OEKO-TEX® certification.

2 Overview

p: tested and passed; x: tested and failed; ' ': not tested

	Sample	
	1	2
pH-Value OEKO-TEX® Method 1 (ISO 3071:2020 - KCl)	p	p
Formaldehyde OEKO-TEX® Method 2.2 - JIS L-1041	p	p
Heavy Metals OEKO-TEX® Method 3.1 (Extract)	p	p
Pesticides OEKO-TEX® Method 4	p	p
Chlorinated Phenols and OPP OEKO-TEX® Method 5	p	p
Phthalates & Siloxanes OEKO-TEX® Method 6 & 6.1	p	p
Chlorinated Benzenes & Toluenes OEKO-TEX® Method 12	p	
Surfactants, Wetting Agent Residues OEKO-TEX® Method 20	p	p

1: 100%SE filling raw white

2: 100%CO woven fabric bleached white

3 Scope Of Application

An application with the appropriate OEKO-TEX® forms was submitted for

Silk comforter, silk duvet cover, silk duvet core, silk pillowcase, silk eye mask, silk bonnet, silk headband and silk scrunchies, silk pajamas, silk tie made of 100% cotton and 100% silk woven fabric, bleached; including accessories (PES sewing thread, elastic band, zipper, PES printed and woven label, 100% silk filling in raw); partly produced by using material certified according to OEKO-TEX® STANDARD 100.

The application is for the 7. Renewal of certificate BJ025 120752 - based partly on materials already certified according to OEKO-TEX® STANDARD 100, Product Class I, Annex 4.

4 Samples

No.	Receipt	Sample Identification
1	27.07.2023	100%SE, filling, raw, white
2	27.07.2023	100%CO, woven fabric, bleached, white

(Unless otherwise stated samples are provided by the customer.)

5 Photo Overview

#1 Image 1



100%SE filling raw white

#2 Image 1



100%CO woven fabric bleached white

6 Tests Performed / Results

As required in the OEKO-TEX® STANDARD 100 the test program is decided by the institute based on the article group, the requested product class and on the technical information given in the application form. Required tests are carried out according to OEKO-TEX®STANDARD 100 and the testing procedure laid down in “OEKO-TEX® STANDARD 100-Testing Procedures”.

		OEKO-TEX® STANDARD 100 Product Class I Annex 4	#1 100%SE filling raw white	#2 100%CO woven fabric bleached white
pH-Value OEKO-TEX® Method 1 (ISO 3071:2020 - KCl)				
Number of Tests			2	2
• Aqueous extract	[pH]	>=4.0 <=7.5	6.4	4.9

		OEKO-TEX® STANDARD 100 Product Class I Annex 4	#1 100%SE filling raw white	#2 100%CO woven fabric bleached white
Formaldehyde OEKO-TEX® Method 2.2 - JIS L-1041				
Number of Tests			1	1
• Free formaldehyde	[mg/kg]	<16	<16	<16

		OEKO-TEX® STANDARD 100 Product Class I Annex 4	#1 100%SE filling raw white	#2 100%CO woven fabric bleached white
Heavy Metals OEKO-TEX® Method 3.1 (Extract)				
Number of Tests			1	1
• Antimony	[mg/kg]	<30	<0.1	<0.1
• Arsenic	[mg/kg]	<0.20	<0.02	<0.02
• Lead	[mg/kg]	<0.20	<0.02	0.07
• Cadmium	[mg/kg]	<0.10	<0.02	<0.02
• Chromium total	[mg/kg]	<1.0	0.43	<0.02
• Cobalt	[mg/kg]	<1.0	<0.02	<0.02
• Copper	[mg/kg]	<25	<1.0	<1.0
• Nickel	[mg/kg]	<1.0	0.29	<0.10
• Mercury	[mg/kg]	<0.02	<0.006	<0.006
• Selenium	[mg/kg]	<100	<0.40	<0.40
• Zinc	[mg/kg]		<2.00	2.4
• Manganese	[mg/kg]		0.41	2.5
• Barium	[mg/kg]	<1000	<2.00	<2.00

		OEKO-TEX® STANDARD 100 Product Class I Annex 4	#1 100%SE filling raw white	#2 100%CO woven fabric bleached white
Pesticides OEKO-TEX® Method 4				
Number of Tests			1	1
• Sum	[mg/kg]	<0.50	<0.01	<0.01
• Chloropyriphos-methyl	[mg/kg]		<0.01	<0.01
• Chloropyriphos	[mg/kg]		<0.01	<0.01

		OEKO-TEX® STANDARD 100 Product Class I Annex 4	#1 100%SE filling raw white	#2 100%CO woven fabric bleached white
Chlorinated Phenols and OPP OEKO-TEX® Method 5				
Number of Tests			1	1
• OPP (Orthophenylphenol)	[mg/kg]	<10	<0.05	<0.05
• Pentachlorophenol (PCP)	[mg/kg]	<0.05	<0.01	<0.01
• 2,3,5,6-TeCP	[mg/kg]		<0.01	<0.01
• 2,3,4,6-TeCP	[mg/kg]		<0.01	<0.01
• 2,3,4,5-TeCP	[mg/kg]		<0.01	<0.01
• Tetrachlorophenols (TeCP, Sum)	[mg/kg]	<0.05	<0.01	<0.01
• 2,3,4-TrCP	[mg/kg]		<0.01	<0.01
• 2,3,5-TrCP	[mg/kg]		<0.01	<0.01
• 2,3,6-TrCP	[mg/kg]		<0.01	<0.01
• 2,4,5-TrCP	[mg/kg]		<0.01	<0.01
• 2,4,6-TrCP	[mg/kg]		<0.01	<0.01
• 3,4,5-TrCP	[mg/kg]		<0.01	<0.01
• Trichlorophenols (TrCP, Sum)	[mg/kg]	<0.20	<0.01	<0.01
• 2,4/2,5-DCP	[mg/kg]		<0.01	<0.01
• 2,6-DCP	[mg/kg]		<0.01	<0.01
• 2,3-DCP	[mg/kg]		<0.01	<0.01
• 3,4-DCP	[mg/kg]		<0.01	<0.01
• 3,5-DCP	[mg/kg]		<0.01	<0.01
• Dichlorophenols (DCP, Sum)	[mg/kg]	<0.50	<0.01	<0.01
• 2-MCP	[mg/kg]		<0.01	<0.01
• 3-MCP	[mg/kg]		<0.01	<0.01
• 4-MCP	[mg/kg]		<0.01	<0.01
• Monochlorophenols (MCP, Sum)	[mg/kg]	<0.50	<0.01	<0.01

		OEKO-TEX® STANDARD 100 Product Class I Annex 4	#1 100%SE filling raw white	#2 100%CO woven fabric bleached white
Phthalates & Siloxanes OEKO-TEX® Method 6 & 6.1				
Number of Tests			1	1
• DMP	[mg/kg]		<10	<10
• DEP	[mg/kg]		<10	<10
• DPrP	[mg/kg]		<10	<10
• DIBP	[mg/kg]		<10	<10
• DBP	[mg/kg]		<10	<10
• DMEP	[mg/kg]		<10	<10
• DIPP	[mg/kg]		<10	<10
• NPIPP	[mg/kg]		<10	<10
• DPP	[mg/kg]		<10	<10
• DIHxP	[mg/kg]		<10	<10
• DHxP	[mg/kg]		<10	<10
• BBP	[mg/kg]		<10	<10
• DIHP*	[mg/kg]		<10	<10
• DIOP	[mg/kg]		<10	<10
• DCHP	[mg/kg]		<10	<10
• DEHP	[mg/kg]		<10	<10
• DNOP	[mg/kg]		<10	<10
• DINP*	[mg/kg]		<10	<10
• DNP*	[mg/kg]		<10	<10
• DIDP	[mg/kg]		<10	<10
• DUP*	[mg/kg]		<10	<10
• Sum w/ DINP	[mg/kg]	<500	<10	<10
• Sum w/o DINP	[mg/kg]		<10	<10
• * Components of DHNUP	[mg/kg]			
• DDDP	[mg/kg]		<10	<10
• D4 (Octamethylcyclotetrasiloxane)	[mg/kg]	<1000	<100	<100
• D5 (Decamethylcyclopentasiloxane)	[mg/kg]	<1000	<100	<100
• D6 (Dodecamethylcyclohexasiloxane)	[mg/kg]	<1000	<100	<100
• Tris(2-methoxyethoxy)vinylsilane	[mg/kg]	<1000	<100	<100

		OEKO-TEX® STANDARD 100 Product Class I Annex 4	#1 100%SE filling raw white
Chlorinated Benzenes & Toluenes OEKO-TEX® Method 12			
Number of Tests			1
• Chlorobenzene	[mg/kg]		<0.01
• 2-Chlorotoluene	[mg/kg]		<0.01
• 3-Chlorotoluene	[mg/kg]		<0.01
• 4-Chlorotoluene	[mg/kg]		<0.01
• 1,3-Dichlorobenzene	[mg/kg]		<0.01
• Benzylchloride	[mg/kg]		<0.01
• 1,4-Dichlorobenzene	[mg/kg]		<0.01
• 1,2-Dichlorobenzene	[mg/kg]		<0.01
• 2,4-Dichlorotoluene	[mg/kg]		<0.01
• 2,5-/ 2,6-Dichlorotoluene	[mg/kg]		<0.01
• 1,3,5-Trichlorobenzene	[mg/kg]		<0.01
• α,α-Dichlorotoluene	[mg/kg]		<0.01
• 2,3-/ 3,4-Dichlorotoluene	[mg/kg]		<0.01
• 1,2,4-Trichlorobenzene	[mg/kg]		<0.01
• 1,2,3-Trichlorobenzene	[mg/kg]		<0.01
• α,α,α-Trichlorotoluene	[mg/kg]		<0.01
• 2,4,5-Trichlorotoluene	[mg/kg]		<0.01
• 2,3,6-Trichlorotoluene	[mg/kg]		<0.01
• 3,4,5-Trichlorotoluene	[mg/kg]		<0.01
• 2,3,4-Trichlorotoluene	[mg/kg]		<0.01
• 2,4,6-Trichlorotoluene	[mg/kg]		<0.01
• 1,2,3,5-Tetrachlorobenzene	[mg/kg]		<0.01
• 1,2,4,5-Tetrachlorobenzene	[mg/kg]		<0.01
• α,2,6-Trichlorotoluene	[mg/kg]		<0.01
• α,2,4-Trichlorotoluene	[mg/kg]		<0.01
• 1,2,3,4-Tetrachlorobenzene	[mg/kg]		<0.01
• 2,3,4,5-Tetrachlorotoluene	[mg/kg]		<0.01
• 2,3,4,6-TeCT / 2,3,5,6-TeCT	[mg/kg]		<0.01
• α,3,4-Trichlorotoluene	[mg/kg]		<0.01
• α,α,α,2-Tetrachlorotoluene	[mg/kg]		<0.01
• Pentachlorobenzene	[mg/kg]		<0.01
• 2,3,4,5,6-Pentachlorotoluene	[mg/kg]		<0.01
• Hexachlorobenzene	[mg/kg]		<0.01
• Sum	[mg/kg]	<1.0	<0.01

		OEKO-TEX® STANDARD 100 Product Class I Annex 4	#1 100%SE filling raw white	#2 100%CO woven fabric bleached white
Surfactants, Wetting Agent Residues OEKO-TEX® Method 20				
Number of Tests			1	1
• 4-tert-butylphenol	[mg/kg]		<2.0	<2.0
• Pentylphenol (PeP)	[mg/kg]		<2.0	<2.0
• Hexylphenol (HxP)	[mg/kg]		<2.0	<2.0
• Heptylphenol (HpP)	[mg/kg]		<2.0	<2.0
• Octylphenol (OP)	[mg/kg]		<2.0	<2.0
• Nonylphenol (NP)	[mg/kg]		<2.0	<2.0
• Sum AP	[mg/kg]	<10	<2.0	<2.0
• Octylphenolethoxylate (OPEO)	[mg/kg]		<2.0	<2.0
• Nonylphenolethoxylate (NPEO)	[mg/kg]		<2.0	<2.0
• Sum AP & APEO	[mg/kg]	<100	<2.0	<2.0

A determination of general odour has been carried out on all submitted samples. No abnormal odour has been detected.

7 Base Certificates List

Active Base Certificates for BJ025 120752 (Suzhou Taihu Snow Silk Co., Ltd)
16.08.2023

Certificate holder	Certificate	Product class / Annex	Expiry date	Certificate state
Dingli Zipper Technology (Suzhou) Co., Ltd	BJ001 211668-TESTEX AG	I / 6	15.11.2023	Valid
Fujian SBS Zipper Science & Technology Co., Ltd.	SHAO 085199-TESTEX AG	I / 6	31.10.2023	Valid
Kusee Accessory (Suzhou) Co., Ltd.	SHLO 041271-TESTEX AG	I / 6	15.12.2023	Valid
Zhejiang Hoton Thread Industry Co., Ltd.	BEYO 051475-TESTEX AG	I / 6	15.02.2024	Valid
ZHEJIANG LIDU TEXTILE TECHNOLOGY CO., LTD	SH010 178048-TESTEX AG	I / 6	15.01.2024	Valid
Zibo Daranfang Silk Group Co., Ltd.	BJ015 160136-TESTEX AG	I / 4	15.11.2023	Valid

8 Remarks

Period of Validity

There are no regulations concerning duration of validity in the individual test standards. As the results of the examinations refer only to the submitted and examined samples, the report is valid for these for an unlimited period. A period of validity specified as part of an expert evaluation is in the discretion of the consultant or TESTEX. The applicability of results and expert evaluations for materials not tested is in the responsibility of the applicant. Whereby an apportionment of results as well as any specified period of validity can only be done for identically constructed products and only as long as the product is produced unchanged. Possible national or international restrictions concerning the terms of usability of test and classification reports have to be considered; this is not the responsibility of the test laboratory.

Sample Material

Results of performed tests only refer to the sample material provided. The testing period is defined as timeframe between receipt of samples and issue date of test report. Without explicit written other agreement testing is destructive and the sample material is transferred to the property of TESTEX, which is entitled to freely decide on storage and disposal.

Issuing

This test report is only issued as a PDF. Translations will be marked accordingly on the cover sheet.

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