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Hohenstein Laboratories GmbH & Co. KG
Schlosssteige 1
74357 Bönnigheim
Germany

Report no. 25.1237129

(Renewal #8, Product class I, Annex 6)

Your contact person
Seda Ünlüer
(seda.unluer@aydintekstil.com)

Customer references	
Customer order number	–

Product
OEKO-TEX® STANDARD 100 Edition 04.2025/V3

Certificate number
17.HTR.28311

Article group text
Woven, velvet, knitted, velour fabrics made of polyester, polypropylene, polyethylene (only white), acrylic, cotton, viscose and linen (only bleached) and their mixtures among each other white, reactive, disperse, basic and masterbatch (pigment) yarn-dyed as well as woven, velvet, knitted, velour fabrics made of polyester and polyester/cationic polyester, white, cationic and disperse dyed with or without 3-D knitted fabric with integrated polyester yarn, laminated with woven fabrics (grid) made of cotton/polyester in white, EVA and latex coating for mattress, furniture and floor covering, partly finished with flame retardant and biologically active products accepted by OEKO-TEX® and with and without water and oil repellent, anti-pilling, anti-yellowing, antistatic and softener finish; partly produced by using material certified according to OEKO-TEX® STANDARD 100 and ECO PASSPORT.

Our contact person
Senay Sahin
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Phone: +90 212 8672 410;ext=410

Hohenstein Laboratories · Schloss Hohenstein ·

Laura Hellinger, M. Sc.
Teamleiterin OEKO-TEX® / Team Leader OEKO-TEX®

Ivonne Schramm, Dipl.-Ing. (FH)
Global Head of OEKO-TEX® Certification

Order date
17/10/2025

Order receipt
21/10/2025

Pre certificates
15.0.58698; 24.0.76167; 02.T.2483; 23.HTR.86894; 05.T.4816; 19.HTR.63300; IS005 177951; 02.T.2715; AMP 13525; SH005 167781; 23.HCN.75856; 11.HCN.97541; SH005 147890; 1712069; 15.HTR.59575

Amendments
—

Adjustments
Scope rearranged

Material receipts

09/10/2025	13 Knitted fabric, 14 Knitted fabric, 24 Knitted fabric, 22 Velour, 15 Woven fabric, 16 Woven fabric, 17 Woven fabric, 18 Woven fabric, 19 Woven fabric, 20 Woven fabric, 21 Woven fabric, 23 Woven fabric, 1 Yarn, 2 Yarn, 3 Yarn, 4 Yarn, 5 Yarn, 6 Yarn, 7 Yarn, 8 Yarn, 9 Yarn, 10 Yarn, 11 Yarn, 12 Yarn
10/12/2025	26 Woven fabric, 27 Woven fabric, 28 Woven fabric, 29 Woven fabric, 25 Yarn
13/01/2026	30 Yarn, 31 Yarn
21/01/2026	32 Woven fabric
16/02/2026	33 Woven fabric

Retrospectively submitted documents and information

03/11/2025	Payment in advance
10/12/2025	Information regarding changes of the retest sample 25, 26, 27, 28, 29 (retest sample of sample 11, 15, 16, 17, 20)
13/01/2026	Information regarding changes of the retest sample 30, 31 (retest sample of sample 1, 11)
21/01/2026	Information regarding changes of the retest sample 32 (retest sample of sample 20)
16/02/2026	Information regarding changes of the retest sample 33 (retest sample of sample 16)
27/02/2026	Retest payment in advance
02/03/2026	Invoice
05/03/2026	Confimation of certificate draft

Application

For technical reasons, the OEKO-TEX® certification body will allocate a new report number to each order for the renewal of a certificate. The renewed certificate will always be issued under the certificate number indicated in the first certification. To identify this certificate, the number of certificate renewals is added in brackets.

The application for renewal of the certificate was submitted using the relevant forms issued for this purpose.

The applicant enclosed the declaration of conformity and agreed to the terms of use.

All necessary documents have been signed with a legally binding signature.

The four product categories specified in OEKO-TEX® STANDARD 100 are described as follows:

- **Product class I - Products for babies**
  Products for babies in context with this standard are all articles, basic materials and accessories, which are provided for the production of articles for babies and children up to 36 months.
- **Product class II - Products with direct contact to skin**
  Skin contact articles are those which are worn with a large part of their surface in direct contact with the skin (e.g. blouses, shirts, underwear etc.).
- **Product class III - Products without direct contact skin**

No skin contact articles are those which are worn with only a small part of their surface in direct contact with the skin (e.g. shoulder pads, stuffings, linings etc.).

- **Product class IV - Decoration material**
  This product class includes all articles, including initial products and accessories which are used for decorative purposes, such as tablecloths, textile wall coverings, furnishing fabrics and curtains, upholstery fabrics and floor coverings.

Each certificate holder solely bears by signature the responsibility for the quality of their articles. This is in accordance with the given declaration of conformity, in which certificate holder is committed to ensure this by suitable and sufficient spot checks. This commitment includes the quality of bought goods, as well. In case of delegating parts of the quality assurance to other parties, the certifying body must be notified (see point 4 "Conformity declaration").

The OEKO-TEX® certification body is authorized to carry out spot checks to inspect the certified goods for their conformity. If the spot checks reveal an exceedance of limit values, additional tests must be carried out. The relevant costs will be charged to the certificate holder.

In case of certified pre-suppliers, the applicant is responsible for checking the validity of the certificates issued to his suppliers.

If the term of validity of these certificates expires within the term of validity of the applicant's certificate, he is obliged to request updated or extended certificates from his suppliers.

Copies of updated certificates from suppliers should be presented as proof and for documentation purposes under the report number of the applicant's certificate.

The current and complete edition of OEKO-TEX® STANDARD 100 is available on the OEKO-TEX® homepage (http://www.oeko-tex.com).

Further order details

The customer confirmed that biologically active product is used which is accepted by OEKO-TEX®.

Further the customer confirmed that flame retardant product is used which is accepted by OEKO-TEX®.

The following certificate/s is/are no longer valid:

- 23.HTR.86894, 19.HTR.63300

A list of dyestuffs and finishing auxiliaries is appended to the documents.

Exact dyeing recipes for the samples are provided by the customer.

Laboratory tests

Tests were carried out in accordance with OEKO-TEX® STANDARD 100 edition 04.2025/V3, Annex 6, product class I.

Tests in accordance with OEKO-TEX® STANDARD 100 edition 04.2025, Annex 6, product class I valid for edition 04.2025/V3 Annex 6, product class I.

The test results are given in the charts of report number 25.0044043.

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Report no. 25.0044043

from 02/03/2026

Order Date	21/10/2025
Period of Testing	17/11/2025 - 24/02/2026

Customer Reference

Certificate Number 17.HTR.28311

Aim of Test	**OEKO-TEX® STANDARD 100 Annex 6 product class I Edition 04.2025/V3**
Testing Material	**White, dyed, coated woven and knitted fabric**
Sampling	**The test object was sent to Hohenstein by the client.**

Your Contact Person	Seda Ünlüer (seda.unluer@aydintekstil.com)
Our Contact Person	Senay Sahin (s.sahin@hohenstein.com.tr) +90 212 8672 410;ext=410

Report Approval

This document has been created digitally and is valid without a signature. It has been approved by

Senay Sahin
(Senior Product Specialist OEKO-TEX®)

Summary

Passed

Please refer to the test overview for details.

Testing Material

1 Yarn	
Customer information	Pigment masterbatch dyed
Base certificate	OEKO-TEX® ECO PASSPORT 24.0.76167
Colour	Red
Finishing	Pigment dyed
Material composition	PP

2 Yarn	
Customer information	Pigment masterbatch dyed
Base certificate	OEKO-TEX® ECO PASSPORT 24.0.76167
Colour	Blue
Finishing	Pigment dyed
Material composition	PP

3 Yarn	
Customer information	Pigment masterbatch dyed
Base certificate	OEKO-TEX® ECO PASSPORT 24.0.76167
Colour	Dark blue
Finishing	Pigment dyed
Material composition	PP

4 Yarn	
Colour	Yellow
Finishing	Cationic dyed
Material composition	PAN

5 Yarn	
Colour	Green
Finishing	Cationic dyed

5 Yarn	
Material composition	PAN

6 Yarn	
Colour	Red
Finishing	Cationic dyed
Material composition	PAN

7 Yarn	
Colour	Dark red
Finishing	Disperse dyed
Material composition	PES

8 Yarn	
Colour	Dark blue
Finishing	Disperse dyed
Material composition	PES

9 Yarn	
Colour	Black
Finishing	Disperse dyed
Material composition	PES

10 Yarn	
Colour	Green
Finishing	Reactive dyed
Material composition	CO

11 Yarn	
Colour	Red
Finishing	Reactive dyed
Material composition	CV

12 Yarn	
Colour	Black
Finishing	Reactive dyed
Material composition	CO

13 Knitted fabric	
Colour	White
Finishing	Undyed
Material composition	PES, CV

14 Knitted fabric	
Customer information	Jowatherm 254.70 (adhesive)
Base certificate	OEKO-TEX® ECO PASSPORT 15.0.58698
Colour	White, Blue
Finishing	Disperse dyed, Laminated
Material composition	PES, CO

15 Woven fabric	
Customer information	ORGALATEX C6626 (coating)
Colour	Yellow
Finishing	Pigment dyed, Cationic dyed, Anti-pilling finishing, Coated
Material composition	PES, PP, PAN

16 Woven fabric	
Customer information	LI and PES in white, RUCO-DRY ECO PLUS (water and oil repellent)
Colour	Red
Finishing	Yarn dyed, Cationic dyed, Water repellent finishing
Material composition	PAN, PES, LI

17 Woven fabric	
Customer information	PES and PP in white, RUCO FLAM NMT (flame retardant)
Colour	Green
Finishing	Yarn dyed, Cationic dyed, Flame retardant finishing
Material composition	PAN, PES, PP

18 Woven fabric	
Customer information	CO and PES in white, BI-OME AM5 (biologically active), REAPRET SR NEW, OPTISOFT AYD, ADASIL SM (Softener), ASITEX S CLASS (anti-yellow)
Colour	Black
Finishing	Yarn dyed, Cationic dyed, Biologically active finishing, Antistatic finishing, Softener finishing, Antiyellowing finishing
Material composition	PAN, PES, CO

19 Woven fabric	
Customer information	Jowatherm 254.70 (adhesive)
Colour	White, Green
Finishing	Yarn dyed, Reactive dyed, Cationic dyed, Laminated
Material composition	CO, PES
Components	
19.1 Dyeing	Colour: Green Finishing: Yarn dyed, Reactive dyed, Cationic dyed Material composition: CO, PES

20 Woven fabric	
Customer information	EXOCOAT, ORGALATEX C6626 latex coating, PP: Source Hellenic
Colour	Blue, White
Finishing	Yarn dyed, Pigment dyed, Coated
Material composition	PP, LA

21 Woven fabric	
Characteristic	Velvety
Colour	Blue
Finishing	Disperse dyed
Material composition	PES

22 Velour	
Colour	Green
Finishing	Disperse dyed
Material composition	PES

23 Woven fabric	
Colour	Red, White
Finishing	Disperse dyed
Material composition	PES

24 Knitted fabric	
Colour	Brown, White
Finishing	Yarn dyed, Disperse dyed, Reactive dyed
Material composition	PES, CO
Components	
24.1 Dyeing	Colour: Brown Finishing: Yarn dyed, Disperse dyed, Reactive dyed Material composition: PES, CO

25 Yarn	
Retest of	Material 11
Colour	Red
Finishing	Reactive dyed
Material composition	CV

26 Woven fabric	
Retest of	Material 15
Customer information	ORGALATEX C6626 (coating)
Colour	Yellow
Finishing	Pigment dyed, Cationic dyed, Anti-pilling finishing, Coated
Material composition	PES, PP, PAN

27 Woven fabric	
Retest of	Material 16
Customer information	LI and PES in white, RUCO-DRY ECO PLUS (water and oil repellent)
Colour	Red
Finishing	Yarn dyed, Cationic dyed, Water repellent finishing
Material composition	PAN, PES, LI

28 Woven fabric	
Retest of	Material 17
Customer information	PES and PP in white, RUCO FLAM NMT (flame retardant)
Colour	Green
Finishing	Yarn dyed, Cationic dyed, Flame retardant finishing
Material composition	PAN, PES, PP

29 Woven fabric	
Retest of	Material 20

29 Woven fabric	
Customer information	EXOCOAT, ORGALATEX C6626 latex coating, PP: Source Hellenic
Colour	Blue, White
Finishing	Yarn dyed, Pigment dyed, Coated
Material composition	PP, LA

30 Yarn	
Retest of	Material 1
Customer information	Pigment masterbatch dyed
Base certificate	OEKO-TEX® ECO PASSPORT 24.0.76167
Colour	Red
Finishing	Pigment dyed
Material composition	PP

31 Yarn	
Retest of	Material 11
Colour	Red
Finishing	Reactive dyed
Material composition	CV

32 Woven fabric	
Retest of	Material 20
Customer information	EXOCOAT, ORGALATEX C6626 latex coating, PP: Source Hellenic
Colour	Blue, White
Finishing	Yarn dyed, Pigment dyed, Coated
Material composition	PP, LA

33 Woven fabric	
Retest of	Material 16

33 Woven fabric	
Customer information	LI and PES in white, RUCO-DRY ECO PLUS (water and oil repellent)
Colour	Red
Finishing	Yarn dyed, Cationic dyed, Water repellent finishing
Material composition	PAN, PES, LI

Test Overview

pH-Value		
1 Yarn	page 23	✓
6 Yarn	page 23	✓
10 Yarn	page 23	✓
13 Knitted fabric	page 23	✓
14 Knitted fabric	page 23	✓
16 Woven fabric	page 23	✓
18 Woven fabric	page 23	✓
19 Woven fabric	page 23	✓
23 Woven fabric	page 23	✓
26 Woven fabric	page 23	✓
28 Woven fabric	page 23	✓
29 Woven fabric	page 23	✓
15 Woven fabric	page 24	✗
17 Woven fabric	page 24	✗
20 Woven fabric	page 24	✗

Formaldehyde		
2 Yarn	page 25	✓
7 Yarn	page 25	✓
11 Yarn	page 25	✓
13 Knitted fabric	page 25	✓
14 Knitted fabric	page 25	✓

Formaldehyde			
15	Woven fabric	page 25	✓
16	Woven fabric	page 25	✓
17	Woven fabric	page 25	✓
18	Woven fabric	page 25	✓
19	Woven fabric	page 25	✓
22	Velour	page 25	✓
29	Woven fabric	page 25	✓
20	Woven fabric	page 26	✗

Extractable (heavy) metals			
14	Knitted fabric	page 27	✓
16	Woven fabric	page 27	✓
17	Woven fabric	page 27	✓
18	Woven fabric	page 27	✓
19	Woven fabric	page 27	✓
20	Woven fabric	page 27	✓

Heavy metals total content			
14	Knitted fabric	page 28	✓
15	Woven fabric	page 28	✓
19	Woven fabric	page 28	✓
20	Woven fabric	page 28	✓

Chlorinated phenols			
14	Knitted fabric	page 29	✓
15	Woven fabric	page 29	✓
16	Woven fabric	page 29	✓
17	Woven fabric	page 29	✓
18	Woven fabric	page 29	✓
20	Woven fabric	page 29	✓
Phenol			
14	Knitted fabric	page 30	✓
20	Woven fabric	page 30	✓
Organic tin compounds			
19	Woven fabric	page 31	✓
20	Woven fabric	page 31	✓
Free, cleavable and carcinogenic arylamines, free and cleavable aniline			
4	Yarn	page 32	✓
5	Yarn	page 32	✓
6	Yarn	page 32	✓
7	Yarn	page 32	✓
8	Yarn	page 32	✓
9	Yarn	page 32	✓
10	Yarn	page 32	✓
12	Yarn	page 32	✓

Free, cleavable and carcinogenic arylamines, free and cleavable aniline		
15 Woven fabric	page 32	✓
16 Woven fabric	page 32	✓
18 Woven fabric	page 32	✓
19 Woven fabric	page 32	✓
21 Woven fabric	page 32	✓
22 Velour	page 32	✓
24 Knitted fabric	page 32	✓

Allergenic, carcinogenic and other banned colourants		
4 Yarn	page 36	✓
5 Yarn	page 36	✓
6 Yarn	page 36	✓
7 Yarn	page 36	✓
8 Yarn	page 36	✓
9 Yarn	page 36	✓

Quinoline		
4 Yarn	page 38	✓
5 Yarn	page 38	✓
6 Yarn	page 38	✓
7 Yarn	page 38	✓
8 Yarn	page 38	✓
9 Yarn	page 38	✓

Chlorinated benzenes and toluenes			
6	Yarn	page 39	✓
Polycyclic aromatic hydrocarbons			
18	Woven fabric	page 41	✓
19	Woven fabric	page 41	✓
20	Woven fabric	page 41	✓
Solvent residues			
19	Woven fabric	page 43	✓
20	Woven fabric	page 43	✓
Chlorinated solvents, volatile organic compounds, glycols and cresols			
19	Woven fabric	page 44	✓
20	Woven fabric	page 44	✓
Flame retardant products			
17	Woven fabric	page 46	✓
Tris(2-chloroethyl)phosphate			
17	Woven fabric	page 48	✓
19	Woven fabric	page 48	✓
20	Woven fabric	page 48	✓
Triphenylphosphate			
17	Woven fabric	page 49	✓

Chlorinated paraffins			
15	Woven fabric	page 50	✓
17	Woven fabric	page 50	✓
Surfactant, wetting agent residues, alkyl phenols			
14	Knitted fabric	page 51	✓
16	Woven fabric	page 51	✓
17	Woven fabric	page 51	✓
18	Woven fabric	page 51	✓
19	Woven fabric	page 51	✓
20	Woven fabric	page 51	✓
24	Knitted fabric	page 51	✓
PFAS, Per- and polyfluorinated compounds/per- and polyfluoroalkyl substances			
16	Woven fabric	page 52	✓
20	Woven fabric	page 52	✓
PFAS, Per- and polyfluorinated compounds/per- and polyfluoroalkyl substances			
16	Woven fabric	page 55	✗
20	Woven fabric	page 57	✓
33	Woven fabric	page 57	✓
Fluorine content			
16	Woven fabric	page 59	✓
20	Woven fabric	page 59	✓
33	Woven fabric	page 59	✓

N-(hydroxymethyl)acrylamid			
14	Knitted fabric	page 60	✓
15	Woven fabric	page 60	✓
16	Woven fabric	page 60	✓
17	Woven fabric	page 60	✓
18	Woven fabric	page 60	✓
19	Woven fabric	page 60	✓
20	Woven fabric	page 60	✓
Melamine			
17	Woven fabric	page 61	✓
20	Woven fabric	page 61	✓
Bisphenols			
14	Knitted fabric	page 62	✓
20	Woven fabric	page 62	✓
Phthalates			
14	Knitted fabric	page 63	✓
20	Woven fabric	page 63	✓
Siloxanes			
14	Knitted fabric	page 65	✓
16	Woven fabric	page 65	✓
18	Woven fabric	page 65	✓
20	Woven fabric	page 65	✓

UV-stabilisers			
20	Woven fabric	page 66	✓
N-Nitrosamines and N-nitrosatable substances			
20	Woven fabric	page 67	✗
29	Woven fabric	page 67	✗
32	Woven fabric	page 69	✓
2-Mercaptobenzothiazole			
20	Woven fabric	page 71	✓
Colour fastness to water			
1	Yarn	page 72	✓
5	Yarn	page 72	✓
6	Yarn	page 72	✓
7	Yarn	page 72	✓
10	Yarn	page 72	✓
12	Yarn	page 72	✓
14	Knitted fabric	page 72	✓
16	Woven fabric	page 72	✓
18	Woven fabric	page 72	✓
20	Woven fabric	page 72	✓
22	Velour	page 72	✓
24	Knitted fabric	page 72	✓

Colour fastness to perspiration

2	Yarn	page 73	✓
5	Yarn	page 73	✓
6	Yarn	page 73	✓
8	Yarn	page 73	✓
11	Yarn	page 73	✓
15	Woven fabric	page 73	✓
16	Woven fabric	page 73	✓
17	Woven fabric	page 73	✓
19	Woven fabric	page 73	✓
20	Woven fabric	page 73	✓
23	Woven fabric	page 73	✓
24	Knitted fabric	page 73	✓

Colour fastness to rubbing

3	Yarn	page 75	✓
4	Yarn	page 75	✓
11	Yarn	page 75	✓
12	Yarn	page 75	✓
14	Knitted fabric	page 75	✓
15	Woven fabric	page 75	✓
18	Woven fabric	page 75	✓
21	Woven fabric	page 75	✓
22	Velour	page 75	✓

Colour fastness to rubbing		
27 Woven fabric	page 75	✓
16 Woven fabric	page 76	✗

Colour fastness to saliva and perspiration		
1 Yarn	page 77	✗
11 Yarn	page 77	✗
25 Yarn	page 77	✗
2 Yarn	page 78	✓
3 Yarn	page 78	✓
4 Yarn	page 78	✓
5 Yarn	page 78	✓
6 Yarn	page 78	✓
7 Yarn	page 78	✓
8 Yarn	page 78	✓
9 Yarn	page 78	✓
10 Yarn	page 78	✓
12 Yarn	page 78	✓
14 Knitted fabric	page 78	✓
15 Woven fabric	page 78	✓
16 Woven fabric	page 78	✓
17 Woven fabric	page 78	✓
18 Woven fabric	page 78	✓
19 Woven fabric	page 78	✓

Colour fastness to saliva and perspiration		
20 Woven fabric	page 78	✓
21 Woven fabric	page 78	✓
22 Velour	page 78	✓
23 Woven fabric	page 78	✓
24 Knitted fabric	page 78	✓
30 Yarn	page 78	✓
31 Yarn	page 78	✓

Emissions of volatile substances		
14 Knitted fabric	page 80	✓
20 Woven fabric	page 82	✓

Odour		
1 Yarn	page 84	✓
2 Yarn	page 84	✓
3 Yarn	page 84	✓
4 Yarn	page 84	✓
5 Yarn	page 84	✓
6 Yarn	page 84	✓
7 Yarn	page 84	✓
8 Yarn	page 84	✓
9 Yarn	page 84	✓
10 Yarn	page 84	✓

Odour		
11 Yarn	page 84	✓
12 Yarn	page 84	✓
13 Knitted fabric	page 84	✓
15 Woven fabric	page 84	✓
16 Woven fabric	page 84	✓
17 Woven fabric	page 84	✓
18 Woven fabric	page 84	✓
19 Woven fabric	page 84	✓
21 Woven fabric	page 84	✓
22 Velour	page 84	✓
23 Woven fabric	page 84	✓
24 Knitted fabric	page 84	✓

Odour test SNV		
14 Knitted fabric	page 89	✓
20 Woven fabric	page 89	✓

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List of abbreviations

n.d. = not determined = below Reporting Limit

RL = Reporting limit

LV = Limit value

Appendix Table of Contents

Detail Results page 23

Detail Results

pH-Value

The following results were evaluated against the limit values (LV):

I OEKO-TEX® STANDARD 100 Annex 6 product class I, 04.2025

	1	6	10	13	14	16	LV
pH-value	5.6	5.2	6.4	4.8	4.8	6.1	≥ 4.0 ≤ 7.5

pH-Value (Cont.)

	18	19	23	26	28	29	LV
pH-value	6.3	6.0	5.5	5.9	5.8	6.1	≥ 4.0 ≤ 7.5

Additional details for this test

Parameter hints:

Testing method according to OEKO-TEX® STANDARD 100

pH-Value

The following results were evaluated against the limit values (LV):

I OEKO-TEX® STANDARD 100 Annex 6 product class I, 04.2025

	15	17	20	LV
pH-value	7.8	3.9	8.5	≥ 4.0 ≤ 7.5

Footnotes

Failed materials	15	Woven fabric, ORGALATEX C6626 (coating), Yellow, Pigment dyed, Cationic dyed, Anti-pilling finishing, Coated, Polyester, Polypropylene, Polyacrylnitrile
	17	Woven fabric, PES and PP in white, RUCO FLAM NMT (flame retardant), Green, Yarn dyed, Cationic dyed, Flame retardant finishing, Polyacrylnitrile, Polyester, Polypropylene
	20	Woven fabric, EXOCOAT, ORGALATEX C6626 latex coating, PP: Source Hellenic, Blue, White, Yarn dyed, Pigment dyed, Coated, Polypropylene, Latex

Additional details for this test

Parameter hints:

Testing method according to OEKO-TEX® STANDARD 100

Formaldehyde

The following results were evaluated against the limit values (LV):

I OEKO-TEX® STANDARD 100 Annex 6 product class I, 04.2025

	2 [mg/kg]	7 [mg/kg]	11 [mg/kg]	13 [mg/kg]	14 [mg/kg]	15 [mg/kg]	RL [mg/kg]	LV [mg/kg]
Formaldehyde	n.d.	n.d.	n.d.	n.d.	n.d.	n.d. (13)	< 10	< 16

Formaldehyde (Cont.)

	16 [mg/kg]	17 [mg/kg]	18 [mg/kg]	19 [mg/kg]	22 [mg/kg]	29 [mg/kg]	RL [mg/kg]	LV [mg/kg]
Formaldehyde	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 10	< 16

Additional details for this test

Parameter hints:
Testing method according to OEKO-TEX® STANDARD 100

Result value details:
Formaldehyde
n.d. corresponds according to "Japanese Law 112" test method with an absorbance unit less than 0.05 resp. 16 mg/kg.

Formaldehyde

The following results were evaluated against the limit values (LV):

I OEKO-TEX® STANDARD 100 Annex 6 product class I, 04.2025

	20 [mg/kg]	RL [mg/kg]	LV [mg/kg]
Formaldehyde	21	< 10	< 16

Footnotes

Failed materials	20	Woven fabric, EXOCOAT, ORGALATEX C6626 latex coating, PP: Source Hellenic, Blue, White, Yarn dyed, Pigment dyed, Coated, Polypropylene, Latex

Additional details for this test

Parameter hints:

Testing method according to OEKO-TEX® STANDARD 100

Result value details:

Formaldehyde

n.d. corresponds according to "Japanese Law 112" test method with an absorbance unit less than 0.05 resp. 16 mg/kg.

Extractable (heavy) metals

The following results were evaluated against the limit values (LV):

I OEKO-TEX® STANDARD 100 Annex 6 product class I, 04.2025

	14 [mg/kg]	16 [mg/kg]	17 [mg/kg]	18 [mg/kg]	19 [mg/kg]	20 [mg/kg]	RL [mg/kg]	LV [mg/kg]
Antimony	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 4	< 30
Arsenic	0.06	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.05	< 0.20
Lead	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.05	< 0.20
Cadmium	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.05	< 0.10
Chromium	n.d.	n.d.	0.1	n.d.	n.d.	n.d.	< 0.1	< 1.0
Cobalt	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.1	< 1.0
Copper	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 4	< 25
Nickel	0.10	0.15	0.12	0.10	0.11	0.21	< 0.10	< 1.00
Mercury	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.010	< 0.020
Barium	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 4	< 1000
Selenium	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 4	< 100
Zinc	n.d.	n.d.	5	n.d.	n.d.	n.d.	< 4	< 750
Manganese	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 4	< 90

Additional details for this test

Parameter hints:

Testing method according to OEKO-TEX® STANDARD 100

Result value details:

Copper

No requirement for accessories and yarns made from inorganic materials, respecting the requirements regarding biological active products.

Heavy metals total content

The following results were evaluated against the limit values (LV):

I OEKO-TEX® STANDARD 100 Annex 6 product class I, 04.2025

	14 [mg/kg]	15 [mg/kg]	19 [mg/kg]	20 [mg/kg]	RL [mg/kg]	LV [mg/kg]
Arsenic	n.d.	n.d.	n.d.	n.d.	< 5	< 100
Cadmium	n.d.	n.d.	n.d.	n.d.	< 5	< 40
Mercury	n.d.	n.d.	n.d.	n.d.	< 0.1	< 0.5
Lead	n.d.	n.d.	n.d.	n.d.	< 5	< 75
Additional details for this test						

Parameter hints:

Testing method according to OEKO-TEX® STANDARD 100

Chlorinated phenols

The following results were evaluated against the limit values (LV):

I OEKO-TEX® STANDARD 100 Annex 6 product class I, 04.2025

	14 C1 [mg/kg]	15 C1 [mg/kg]	16 C2 [mg/kg]	17 C2 [mg/kg]	18 C2 [mg/kg]	20 C1 [mg/kg]	RL [mg/kg]	LV [mg/kg]
2-Chlorophenol	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.01	-
3-Chlorophenol	n.d.	n.d.	0.01	0.01	0.01	n.d.	< 0.01	-
4-Chlorophenol	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.01	-
Sum Monochlorophenols (MCP)	n.d.	n.d.	0.01	0.01	0.01	n.d.	-	< 0.50
2,3-Dichlorophenol	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.01	-
2,4-/2,5-Dichlorophenol	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.01	-
2,6-Dichlorophenol	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.01	-
3,4-Dichlorophenol	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.01	-
3,5-Dichlorophenol	n.d.	n.d.	0.03	0.03	0.03	n.d.	< 0.01	-
Sum Dichlorophenols (DCP)	n.d.	n.d.	0.03	0.03	0.03	n.d.	-	< 0.50
2,3,4-Trichlorophenol	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.01	-
2,3,5-Trichlorophenol	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.01	-
2,3,6-Trichlorophenol	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.01	-
2,4,5-Trichlorophenol	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.01	-
2,4,6-Trichlorophenol	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.01	-
3,4,5-Trichlorophenol	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.01	-
Sum Trichlorophenols (TrCP)	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	-	< 0.20
2,3,4,5-Tetrachlorophenol	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.01	-
2,3,4,6-Tetrachlorophenol	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.01	-
2,3,5,6-Tetrachlorophenol	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.01	-
Sum Tetrachlorophenols (TeCP)	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	-	< 0.05
Pentachlorophenol (PCP)	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.01	< 0.05
o-Phenylphenol (OPP)	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 2.0	< 10.0

Footnotes

Composite Samples	**C1** 14, 15, 20 **C2** 16, 17, 18

Additional details for this test

Parameter hints:

Testing method according to OEKO-TEX® STANDARD 100

Phenol

The following results were evaluated against the limit values (LV):

I OEKO-TEX® STANDARD 100 Annex 6 product class I, 04.2025

	14 [mg/kg]	20 [mg/kg]	RL [mg/kg]	LV [mg/kg]
Phenol	n.d.	n.d.	< 10	< 20.0
Resorcinol	n.d.	n.d.	< 50	< 1000.0
Additional details for this test				

Parameter hints:

Testing method according to OEKO-TEX® STANDARD 100

Organic tin compounds

The following results were evaluated against the limit values (LV):

I OEKO-TEX® STANDARD 100 Annex 6 product class I, 04.2025

	19 [C1] [mg/kg]	20 [C1] [mg/kg]	RL [mg/kg]	LV [mg/kg]
Monomethyltin (MMT)	n.d.	n.d.	< 0.05	< 0.50
Monobutyltin (MBT)	n.d.	n.d.	< 0.05	< 0.50
Monophenyltin (MPhT)	n.d.	n.d.	< 0.05	< 0.50
Monooctyltin (MOT)	n.d.	n.d.	< 0.05	< 0.50
Dimethyltin (DMT)	n.d.	n.d.	< 0.05	< 0.50
Dipropyltin (DPT)	n.d.	n.d.	< 0.05	< 0.50
Dibutyltin (DBT)	n.d.	n.d.	< 0.05	< 0.50
Diphenyltin (DPhT)	n.d.	n.d.	< 0.05	< 0.50
Dioctyltin (DOT)	n.d.	n.d.	< 0.05	< 0.50
Trimethyltin (TMT)	n.d.	n.d.	< 0.05	< 0.50
Tributyltin (TBT)	n.d.	n.d.	< 0.05	< 0.50
Triphenyltin (TPhT)	n.d.	n.d.	< 0.05	< 0.50
Trioctyltin (TOT)	n.d.	n.d.	< 0.05	< 0.50
Tripropyltin (TPT)	n.d.	n.d.	< 0.05	< 0.50
Tricyclohexyltin (TCyHT)	n.d.	n.d.	< 0.05	< 0.50
Tetraethyltin (TeET)	n.d.	n.d.	< 0.05	< 0.50
Tetrabutyltin (TeBT)	n.d.	n.d.	< 0.05	< 0.50
Tetraoctyltin (TeOT)	n.d.	n.d.	< 0.05	< 0.50

Footnotes

Composite Samples	**C1**	19, 20

Additional details for this test

Parameter hints:
Testing method according to OEKO-TEX® STANDARD 100

Free, cleavable and carcinogenic arylamines, free and cleavable aniline

The following results were evaluated against the limit values (LV):

I OEKO-TEX® STANDARD 100 Annex 6 product class I, 04.2025

	4 S1 [mg/kg]	5 S1 [mg/kg]	6 S1 [mg/kg]	7 C1 [mg/kg]	8 C1 [mg/kg]	9 C1 [mg/kg]	RL [mg/kg]	LV [mg/kg]
Aniline	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 10	< 20
4-Aminoazobenzene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 10	< 20
4-Aminobiphenyl	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 10	< 20
o-Anisidine	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 10	< 20
Benzidine	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 10	< 20
4-Chloro-o-toluidine	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 10	< 20
4-Chloroaniline	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 10	< 20
p-Cresidine (6-Methoxy-m-toluidine)	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 10	< 20
2,4-Diaminoanisole	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 10	< 20
3,3'-Dichlorobenzidine	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 10	< 20
2,5-Diaminotoluene / 2-Methyl-p-phenylendiamine	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 10	< 20
4,4'-Diaminodiphenylmethane	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 10	< 20
3,3'-Dimethoxybenzidine	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 10	< 20
3,3'-Dimethylbenzidine	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 10	< 20
3,3'-Diaminobenzidine	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 10	< 20
4-Ethoxyaniline / p-Phenetidine	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 10	< 20
4,4'-Methylenedi-o-toluidine	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 10	< 20
4,4'-Methylene-bis-(2-chloroaniline)	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 10	< 20
2-Naphthylamine	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 10	< 20
4,4'-Oxydianiline	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 10	< 20
4,4'-Thiodianiline	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 10	< 20
o-Toluidine	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 10	< 20
2,4-Toluylenediamine	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 10	< 20
2,4,5-Trimethylaniline	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 10	< 20
2,4-Xylidine / 2,6-Xylidine	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 10	< 20
p-Anisidine	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 10	-
N-Methylaniline	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 10	-

Footnotes			
Composite Samples	**C1** **S1**	7, 8, 9 4, 5, 6	Separation due to the positive result of the composite sample

Free, cleavable and carcinogenic arylamines, free and cleavable aniline (Cont.)

	10 C2 [mg/kg]	12 C2 [mg/kg]	15 C3 [mg/kg]	16 C4 [mg/kg]	18 C3 [mg/kg]	19.1 C2 [mg/kg]	RL [mg/kg]	LV [mg/kg]
Aniline	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 10	< 20
4-Aminoazobenzene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 10	< 20
4-Aminobiphenyl	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 10	< 20
o-Anisidine	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 10	< 20
Benzidine	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 10	< 20
4-Chloro-o-toluidine	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 10	< 20
4-Chloroaniline	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 10	< 20
p-Cresidine (6-Methoxy-m-toluidine)	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 10	< 20
2,4-Diaminoanisole	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 10	< 20
3,3'-Dichlorobenzidine	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 10	< 20
2,5-Diaminotoluene / 2-Methyl-p-phenylendiamine	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 10	< 20
4,4'-Diaminodiphenylmethane	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 10	< 20
3,3'-Dimethoxybenzidine	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 10	< 20
3,3'-Dimethylbenzidine	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 10	< 20
3,3'-Diaminobenzidine	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 10	< 20
4-Ethoxyaniline / p-Phenetidine	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 10	< 20
4,4'-Methylenedi-o-toluidine	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 10	< 20
4,4'-Methylene-bis-(2-chloroaniline)	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 10	< 20
2-Naphthylamine	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 10	< 20
4,4'-Oxydianiline	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 10	< 20
4,4'-Thiodianiline	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 10	< 20
o-Toluidine	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 10	< 20
2,4-Toluylenediamine	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 10	< 20
2,4,5-Trimethylaniline	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 10	< 20
2,4-Xylidine / 2,6-Xylidine	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 10	< 20
p-Anisidine	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 10	-

	10 C2 [mg/kg]	12 C2 [mg/kg]	15 C3 [mg/kg]	16 C4 [mg/kg]	18 C3 [mg/kg]	19.1 C2 [mg/kg]	RL [mg/kg]	LV [mg/kg]
N-Methylaniline	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 10	-

Footnotes

Composite Samples	**C2**	10, 12, 19.1
	C3	15, 18, 21
	C4	16, 22, 24.1

Free, cleavable and carcinogenic arylamines, free and cleavable aniline (Cont.)

	21 C3 [mg/kg]	22 C4 [mg/kg]	24.1 C4 [mg/kg]	RL [mg/kg]	LV [mg/kg]
Aniline	n.d.	n.d.	n.d.	< 10	< 20
4-Aminoazobenzene	n.d.	n.d.	n.d.	< 10	< 20
4-Aminobiphenyl	n.d.	n.d.	n.d.	< 10	< 20
o-Anisidine	n.d.	n.d.	n.d.	< 10	< 20
Benzidine	n.d.	n.d.	n.d.	< 10	< 20
4-Chloro-o-toluidine	n.d.	n.d.	n.d.	< 10	< 20
4-Chloroaniline	n.d.	n.d.	n.d.	< 10	< 20
p-Cresidine (6-Methoxy-m-toluidine)	n.d.	n.d.	n.d.	< 10	< 20
2,4-Diaminoanisole	n.d.	n.d.	n.d.	< 10	< 20
3,3'-Dichlorobenzidine	n.d.	n.d.	n.d.	< 10	< 20
2,5-Diaminotoluene / 2-Methyl-p-phenylendiamine	n.d.	n.d.	n.d.	< 10	< 20
4,4'-Diaminodiphenylmethane	n.d.	n.d.	n.d.	< 10	< 20
3,3'-Dimethoxybenzidine	n.d.	n.d.	n.d.	< 10	< 20
3,3'-Dimethylbenzidine	n.d.	n.d.	n.d.	< 10	< 20
3,3'-Diaminobenzidine	n.d.	n.d.	n.d.	< 10	< 20
4-Ethoxyaniline / p-Phenetidine	n.d.	n.d.	n.d.	< 10	< 20
4,4'-Methylenedi-o-toluidine	n.d.	n.d.	n.d.	< 10	< 20
4,4'-Methylene-bis-(2-chloroaniline)	n.d.	n.d.	n.d.	< 10	< 20
2-Naphthylamine	n.d.	n.d.	n.d.	< 10	< 20
4,4'-Oxydianiline	n.d.	n.d.	n.d.	< 10	< 20
4,4'-Thiodianiline	n.d.	n.d.	n.d.	< 10	< 20
o-Toluidine	n.d.	n.d.	n.d.	< 10	< 20
2,4-Toluylenediamine	n.d.	n.d.	n.d.	< 10	< 20

	21 C3 [mg/kg]	22 C4 [mg/kg]	24.1 C4 [mg/kg]	RL [mg/kg]	LV [mg/kg]
2,4,5-Trimethylaniline	n.d.	n.d.	n.d.	< 10	< 20
2,4-Xylidine / 2,6-Xylidine	n.d.	n.d.	n.d.	< 10	< 20
p-Anisidine	n.d.	n.d.	n.d.	< 10	-
N-Methylaniline	n.d.	n.d.	n.d.	< 10	-

Footnotes

Composite Samples	**C3**	15, 18, 21
	C4	16, 22, 24.1

Additional details for this test

Parameter hints:

Testing method according to OEKO-TEX® STANDARD 100

o-Aminoazotoluene is detected indirectly by analysis of o-Toluidine.

2-Amino-4-nitrotoluene is detected indirectly by analysis of 2,4-Toluylenediamine.

Result value details:

2,4-Xylidine / 2,6-Xylidine

2,4-Xylidine and 2,6-Xylidine have not been separated analytically, so that the determined value is given for both substances combined.

p-Anisidine

p-Anisidine is under observation and the result is provided for information but presently not regulated indeed.

N-Methylaniline

N-Methylaniline is under observation and the result is provided for information but presently not regulated indeed.

Allergenic, carcinogenic and other banned colourants

The following results were evaluated against the limit values (LV):

I OEKO-TEX® STANDARD 100 Annex 6 product class I, 04.2025

	4 C1 [mg/kg]	5 C1 [mg/kg]	6 C1 [mg/kg]	7 C2 [mg/kg]	8 C2 [mg/kg]	9 C2 [mg/kg]	RL [mg/kg]	LV [mg/kg]
Acid Violet 49	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 10	< 20
Basic Blue 26	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 10	< 20
Basic Green 4 (chloride, free, oxalate)	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 10	< 20
Basic Red 9	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 10	< 20
Basic Violet 1	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 10	< 20
Basic Violet 3	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 10	< 20
Basic Violet 14	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 10	< 20
Disperse Blue 1	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 10	< 20
Disperse Blue 3	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 10	< 20
Disperse Blue 7	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 10	< 20
Disperse Blue 26	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 10	< 20
Disperse Blue 35	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 10	< 20
Disperse Blue 102	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 10	< 20
Disperse Blue 106	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 10	< 20
Disperse Blue 124	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 10	< 20
Disperse Brown 1	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 10	< 20
Disperse Orange 1	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 10	< 20
Disperse Orange 3	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 10	< 20
Disperse Orange 11	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 10	< 20
Disperse Orange 37/59/76	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 10	< 20
Disperse Orange 149	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 10	< 20
Disperse Red 1	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 10	< 20
Disperse Red 11	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 10	< 20
Disperse Red 17	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 10	< 20
Disperse Yellow 1	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 10	< 20
Disperse Yellow 3	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 10	< 20
Disperse Yellow 9	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 10	< 20
Disperse Yellow 23	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 10	< 20

	4 C1 [mg/kg]	5 C1 [mg/kg]	6 C1 [mg/kg]	7 C2 [mg/kg]	8 C2 [mg/kg]	9 C2 [mg/kg]	RL [mg/kg]	LV [mg/kg]
Disperse Yellow 39	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 10	< 20
Disperse Yellow 49	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 10	< 20
Solvent Yellow 1 (4-Aminoazobenzol / Anilin Yellow)	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 10	< 20
Solvent Yellow 2	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 10	< 20
Solvent Yellow 3 (o-Aminoazotoluene)	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 10	< 20
Solvent Yellow 14	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 10	< 20
Basic Yellow 2 / Solvent Yellow 34 (hydrochloride and free base)	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 10	< 20
Michler's ketone	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 10	< 1000
Michler's base	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 10	< 1000

Footnotes

Composite Samples	**C1**	4, 5, 6
	C2	7, 8, 9

Additional details for this test

Parameter hints:

Testing method according to OEKO-TEX® STANDARD 100

Acid Red 26, Acid Red 114, Direct Black 38, Direct Blue 6, Direct Blue 15, Direct Blue 218, Direct Brown 95, Direct Red 28, Pigment Red 104 and Pigment Yellow 34 have no value since no direct quantitative analysis is possible.

Quinoline

The following results were evaluated against the limit values (LV):

I OEKO-TEX® STANDARD 100 Annex 6 product class I, 04.2025

	4 [C1] [mg/kg]	5 [C1] [mg/kg]	6 [C1] [mg/kg]	7 [mg/kg]	8 [mg/kg]	9 [mg/kg]	RL [mg/kg]	LV [mg/kg]
Quinoline	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 10	< 50

Footnotes

Composite Samples	**C1**	4, 5, 6

Additional details for this test

Parameter hints:
Testing method according to OEKO-TEX® STANDARD 100

Chlorinated benzenes and toluenes

The following results were evaluated against the limit values (LV):

I OEKO-TEX® STANDARD 100 Annex 6 product class I, 04.2025

	6 [mg/kg]	RL [mg/kg]	LV [mg/kg]
Chlorobenzene	n.d.	< 0.10	-
1,2-Dichlorobenzene	n.d.	< 0.10	-
1,3-Dichlorobenzene	n.d.	< 0.10	-
1,4-Dichlorobenzene	n.d.	< 0.10	-
1,2,3-Trichlorobenzene	n.d.	< 0.10	-
1,2,4-Trichlorobenzene	n.d.	< 0.10	-
1,3,5-Trichlorobenzene	n.d.	< 0.10	-
1,2,3,4-Tetrachlorobenzene	n.d.	< 0.10	-
1,2,3,5-Tetrachlorobenzene	n.d.	< 0.10	-
1,2,4,5-Tetrachlorobenzene	n.d.	< 0.10	-
Pentachlorobenzene	n.d.	< 0.10	-
Hexachlorobenzene	n.d.	< 0.10	-
2-Chlorotoluene	n.d.	< 0.10	-
3-Chlorotoluene	n.d.	< 0.10	-
4-Chlorotoluene	n.d.	< 0.10	-
a-Chlorotoluene	n.d.	< 0.10	-
2,3-/3,4-Dichlorotoluene	n.d.	< 0.10	-
2,4-Dichlorotoluene	n.d.	< 0.10	-
2,5-/2,6-Dichlorotoluene	n.d.	< 0.10	-
3,5-Dichlorotoluene	n.d.	< 0.10	-
a,a-Dichlorotoluene	n.d.	< 0.10	-
2,3,4-Trichlorotoluene	n.d.	< 0.10	-
2,3,5-/2,4,5-Trichlorotoluene	n.d.	< 0.10	-
2,3,6-Trichlorotoluene	n.d.	< 0.10	-
2,4,6-Trichlorotoluene	n.d.	< 0.10	-
3,4,5-Trichlorotoluene	n.d.	< 0.10	-
a,a,a-Trichlorotoluene	n.d.	< 0.10	-
a,2,4-Trichlorotoluene	n.d.	< 0.10	-

	6 [mg/kg]	RL [mg/kg]	LV [mg/kg]
a,2,6-Trichlorotoluene	n.d.	< 0.10	-
a,3,4-Trichlorotoluene	n.d.	< 0.10	-
2,3,4,5-Tetrachlorotoluene	n.d.	< 0.10	-
2,3,4,6-Tetrachlorotoluene	n.d.	< 0.10	-
2,3,5,6-Tetrachlorotoluene	n.d.	< 0.10	-
a,a,a,2-Tetrachlorotoluene	n.d.	< 0.10	-
a,a,a,4-Tetrachlorotoluene	n.d.	< 0.10	-
a,a,2,6-Tetrachlorotoluene	n.d.	< 0.10	-
Pentachlorotoluene	n.d.	< 0.10	-
Sum	n.d.	-	< 1.00

Additional details for this test

Parameter hints:

Testing method according to OEKO-TEX® STANDARD 100

Result value details:

2,3-/3,4-Dichlorotoluene

2,3-Dichlorotoluene and 3,4-Dichlorotoluene are not analytically separable, so that the determined value for both substances must be given combined.

2,5-/2,6-Dichlorotoluene

2,5-Dichlorotoluene und 2,6-Dichlorotoluene are not analytically separable, so that the determined value for both substances must be given combined.

2,3,5-/2,4,5-Trichlorotoluene

2,3,5-Trichlorotoluene und 2,4,5-Trichlorotoluene are not analytically separable, so that the determined value for both substances must be given combined.

Polycyclic aromatic hydrocarbons

The following results were evaluated against the limit values (LV):

I OEKO-TEX® STANDARD 100 Annex 6 product class I, 04.2025

	18 [mg/kg]	19 [C1] [mg/kg]	20 [C1] [mg/kg]	RL [mg/kg]	LV [mg/kg]
Acenaphthene	n.d.	n.d.	n.d.	< 0.20	-
Acenaphthylene	n.d.	n.d.	n.d.	< 0.20	-
Anthracene	n.d.	n.d.	n.d.	< 0.20	-
Benzo[a]anthracene	n.d.	n.d.	n.d.	< 0.20	< 0.50
Benzo[b,k,j]fluoranthe...	n.d.	n.d.	n.d.	< 0.20	< 0.50
Benzo[ghi]perylene	n.d.	n.d.	n.d.	< 0.20	-
Benzo[a]pyrene	n.d.	n.d.	n.d.	< 0.20	< 0.50
Benzo[e]pyrene	n.d.	n.d.	n.d.	< 0.20	< 0.50
Chrysene	n.d.	n.d.	n.d.	< 0.20	< 0.50
Cyclopenta[c,d]pyrene	n.d.	n.d.	n.d.	< 0.20	-
Dibenzo[a,h]anthracene	n.d.	n.d.	n.d.	< 0.20	< 0.50
Dibenzo[a,e]pyrene	n.d.	n.d.	n.d.	< 0.20	-
Dibenzo[a,h]pyrene	n.d.	n.d.	n.d.	< 0.20	-
Dibenzo[a,i]pyrene	n.d.	n.d.	n.d.	< 0.20	-
Dibenzo[a,l]pyrene	n.d.	n.d.	n.d.	< 0.20	-
Fluoranthene	n.d.	n.d.	n.d.	< 0.20	-
Fluorene	n.d.	n.d.	n.d.	< 0.20	-
Indeno[1,2,3-cd]pyrene	n.d.	n.d.	n.d.	< 0.20	-
1-Methylpyrene	n.d.	n.d.	n.d.	< 0.20	-
Naphthalene	n.d.	n.d.	n.d.	< 0.20	< 2.00
Phenanthrene	n.d.	n.d.	n.d.	< 0.20	-
Pyrene	n.d.	n.d.	n.d.	< 0.20	-
Sum 24 PAHs	n.d.	n.d.	n.d.	-	< 5.00

Footnotes

Composite Samples	**C1**	19, 20

Additional details for this test

Parameter hints:
Testing method according to OEKO-TEX® STANDARD 100

Result value details:

Benzo[b,k,j]fluoranthene

Benzo[b]fluoranthene, benzo[k]fluoranthene and benzo[j]fluoranthene have not been separated analytically and therefore the calculated value for these substances is given in combination.

Solvent residues

The following results were evaluated against the limit values (LV):

I OEKO-TEX® STANDARD 100 Annex 6 product class I, 04.2025

	19 [mg/kg]	20 [mg/kg]	RL [mg/kg]	LV [mg/kg]
1-Methyl-2-pyrrolidone (NMP)	n.d.	n.d.	< 50	< 500
N,N-Dimethylacetamide (DMAc)	n.d.	n.d.	< 50	< 500
N,N-Dimethylformamide (DMF)	n.d.	n.d.	< 50	< 500
Formamide	n.d.	n.d.	< 50	< 200
N-ethyl-2-pyrrolidone	n.d.	n.d.	< 50	< 1000
2-Pyrrolidone	n.d.	n.d.	< 50	< 1000
Additional details for this test				

Parameter hints:

Testing method according to OEKO-TEX® STANDARD 100

Chlorinated solvents, volatile organic compounds, glycols and cresols

The following results were evaluated against the limit values (LV):

I OEKO-TEX® STANDARD 100 Annex 6 product class I, 04.2025

	19 [mg/kg]	20 [mg/kg]	RL [mg/kg]	LV [mg/kg]
Dichloromethane	n.d.	n.d.	< 0.1	< 1.0
1,1-Dichloroethane	n.d.	n.d.	< 0.1	< 1.0
1,2-Dichloroethane	n.d.	n.d.	< 0.1	< 1.0
1,1-Dichloroethylene	n.d.	n.d.	< 0.1	< 1.0
cis-1,2-Dichloroethylene	n.d.	n.d.	< 0.1	-
trans-1,2-Dichloroethylene	n.d.	n.d.	< 0.1	-
Sum 1,2-Dichloroethylene	n.d.	n.d.	-	< 1.0
1,1,1-Trichloroethane	n.d.	n.d.	< 0.1	< 1.0
1,1,2-Trichloroethane	n.d.	n.d.	< 0.1	< 1.0
Trichloroethylene	n.d.	n.d.	< 0.1	< 1.0
Trichloromethane	n.d.	n.d.	< 0.1	< 1.0
1,1,1,2-Tetrachloroethane	n.d.	n.d.	< 0.1	< 1.0
1,1,2,2-Tetrachloroethane	n.d.	n.d.	< 0.1	< 1.0
Tetra(per)chloroethylene	n.d.	n.d.	< 0.1	< 1.0
Tetrachloromethane	n.d.	n.d.	< 0.1	< 1.0
Pentachloroethane	n.d.	n.d.	< 0.1	< 1.0
Sum of the 14 chlorinated solvents	n.d.	n.d.	-	< 5.0
Acetophenone	n.d.	n.d.	< 1.0	< 10.0
Benzene	n.d.	n.d.	< 0.1	< 1.0
Bis(2-methoxyethyl) ether	n.d.	n.d.	< 1.0	< 10.0
1,2-Diethoxyethane	n.d.	n.d.	< 1.0	< 10.0
1,4-Dioxane	n.d.	n.d.	< 1.0	< 10.0
Cyclohexanone	n.d.	n.d.	< 1.0	< 10.0
2-Ethoxyethanol	n.d.	n.d.	< 1.0	< 10.0
2-Ethoxyethylacetate	n.d.	n.d.	< 1.0	< 10.0
Ethylbenzene	n.d.	n.d.	< 1.0	< 10.0
Ethylene glycol dimethyl ether	n.d.	n.d.	< 2.0	< 10.0
Methylethylketone	n.d.	n.d.	< 1.0	< 10.0

	19 [mg/kg]	20 [mg/kg]	RL [mg/kg]	LV [mg/kg]
2-Methoxy-1-propanol	n.d.	n.d.	< 1.0	< 10.0
Methylglycol	n.d.	n.d.	< 2.0	< 10.0
2-Methoxyethylacetate	n.d.	n.d.	< 1.0	< 10.0
2-Methoxypropylacetate	n.d.	n.d.	< 1.0	< 10.0
2-Phenyl-2-propanole	n.d.	n.d.	< 1.0	< 10.0
Toluene	n.d.	n.d.	< 1.0	< 10.0
Styrene	n.d.	n.d.	< 1.0	< 10.0
1,2,3-Trichloropropane	n.d.	n.d.	< 0.1	< 10.0
Triethylene glycol dimethyl ether	n.d.	n.d.	< 1.0	< 10.0
m-/p-Xylene	n.d.	n.d.	< 2.0	-
o-Xylene	n.d.	n.d.	< 1.0	-
Sum Xylene	n.d.	n.d.	-	< 10.0
o-Cresol	n.d.	n.d.	< 1.0	< 10.0
m-/p-Cresol	n.d.	n.d.	< 2.0	< 10.0
2-Butanone oxime	n.d.	n.d.	< 1.0	-

Additional details for this test

Parameter hints:

Testing method according to OEKO-TEX® STANDARD 100

Result value details:

m-/p-Cresol

m-Cresol and p-cresol have not been separated analytically, so that the determined value for these substances is given combined.

2-Butanone oxime

Is under observation and the result is provided for information but presently not regulated

Flame retardant products

The following results were evaluated against the limit values (LV):

I OEKO-TEX® STANDARD 100 Annex 6 product class I, 04.2025

	17 [mg/kg]	RL [mg/kg]	LV [mg/kg]
1,2-Bis(2,4,6-tribromophenoxy)ethane	n.d.	< 1.0	< 10.0
2,2-Bis(bromomethyl)-1,3-propanediol	n.d.	< 1.0	< 10.0
Bis(2,3-dibromopropyl)phosphate	n.d.	< 1.0	< 10.0
Bis(2-ethylhexyl)tetrabromophthalate	n.d.	< 1.0	< 10.0
Monobromobiphenyl	n.d.	< 1.0	< 10.0
Dibromobiphenyl	n.d.	< 1.0	< 10.0
Tribromobiphenyl	n.d.	< 1.0	< 10.0
Tetrabromobiphenyl	n.d.	< 1.0	< 10.0
Pentabromobiphenyl	n.d.	< 1.0	< 10.0
Hexabromobiphenyl	n.d.	< 1.0	< 10.0
Heptabromobiphenyl	n.d.	< 1.0	< 10.0
Octabromobiphenyl	n.d.	< 1.0	< 10.0
Nonabromobiphenyl	n.d.	< 1.0	< 10.0
Decabromobiphenyl	n.d.	< 1.0	< 10.0
Monobromodiphenylether	n.d.	< 1.0	< 10.0
Dibromodiphenylether	n.d.	< 1.0	< 10.0
Tribromodiphenylether	n.d.	< 1.0	< 10.0
Tetrabromodiphenylether	n.d.	< 1.0	< 10.0
Pentabromodiphenylether	n.d.	< 1.0	< 10.0
Hexabromodiphenylether	n.d.	< 1.0	< 10.0
Heptabromodiphenylether	n.d.	< 1.0	< 10.0
Octabromodiphenylether	n.d.	< 1.0	< 10.0
Nonabromodiphenylether	n.d.	< 1.0	< 10.0
Decabromodiphenylether	n.d.	< 1.0	< 10.0
Hexabromocyclododecane	n.d.	< 1.0	< 10.0
Tetrabromobisphenol A	n.d.	< 1.0	< 10.0
o-Tricresyl phosphate	n.d.	< 1.0	< 10.0

	17 [mg/kg]	RL [mg/kg]	LV [mg/kg]
Tris(2,3-dibromopropyl)phosphate	n.d.	< 1.0	< 10.0
Tris(1,3-dichloro-iso-propyl)phosphate	n.d.	< 1.0	< 10.0
Tris(2-chloroethyl)phosphate	n.d.	< 1.0	-
Tris(1-aziridinyl)phosphinoxide	n.d.	< 1.0	< 10.0
Trixylylphosphate	n.d.	< 1.0	< 10.0
Sum of all for PU Foam	n.d.	-	-
Tris(1-chloro-2-propyl)phosphate	n.d.	< 1.0	< 10.0
Sum of all	n.d.	-	< 50.0

Additional details for this test

Parameter hints:

Testing method according to OEKO-TEX® STANDARD 100

Boric acid, zinc borate salts, diboron trioxide, disodium tetraborate, disodium octaborate, tetraboron disodium heptaoxide, antimony trioxide and antimony pentoxide have no value since no direct quantitative analysis is possible.

There is a transition period for TCPP until the 01/04/2026 for PU- and PES-fibres as well as product class IV.

Tris(2-chloroethyl)phosphate

The following results were evaluated against the limit values (LV):

I OEKO-TEX® STANDARD 100 Annex 6 product class I, 04.2025

	17 [mg/kg]	19 [mg/kg]	20 [mg/kg]	RL [mg/kg]	LV [mg/kg]
Tris(2-chloroethyl)phosphate	n.d.	n.d.	n.d.	< 1.0	< 10.0

Additional details for this test

Parameter hints:

Testing method according to OEKO-TEX® STANDARD 100

Triphenylphosphate

The following results were evaluated against the limit values (LV):

I OEKO-TEX® STANDARD 100 Annex 6 product class I, 04.2025

	17 [mg/kg]	RL [mg/kg]	LV [mg/kg]
Triphenylphosphate	n.d.	< 1	< 1000
Additional details for this test			

Parameter hints:
Testing method according to OEKO-TEX® STANDARD 100

Chlorinated paraffins

The following results were evaluated against the limit values (LV):

I OEKO-TEX® STANDARD 100 Annex 6 product class I, 04.2025

	15 [mg/kg]	17 [mg/kg]	RL [mg/kg]	LV [mg/kg]
Medium chain chlorinated paraffins C14-C17	n.d.	n.d.	< 25	-
Short chain chlorinated paraffins C10-C13	n.d.	n.d.	< 25	-
Chlorinated paraffins	n.d.	n.d.	-	< 50

Additional details for this test

Parameter hints:

Testing method according to OEKO-TEX® STANDARD 100

Surfactant, wetting agent residues, alkyl phenols

The following results were evaluated against the limit values (LV):

I OEKO-TEX® STANDARD 100 Annex 6 product class I, 04.2025

	14 [mg/kg]	16 [mg/kg]	17 [mg/kg]	18 [mg/kg]	19 [mg/kg]	20 [mg/kg]	RL [mg/kg]	LV [mg/kg]
4-tert-Butylphenol (BP)	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 4.0	-
Pentylphenol (PeP)	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 4.0	-
Heptylphenol (HpP)	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 4.0	-
Octylphenol (OP)	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 4.0	-
Octylphenolethoxylates (OP(EO))	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 4.0	-
Nonylphenol (NP)	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 4.0	-
Nonylphenolethoxylates (NP(EO))	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 4.0	-
Sum BP, NP, OP, HpP, PeP, NP(EO), OP(EO)	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	-	< 50.0
Sum BP, NP, OP, HpP, PeP	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	-	< 5.0

Surfactant, wetting agent residues, alkyl phenols (Cont.)

	24 [mg/kg]	RL [mg/kg]	LV [mg/kg]
4-tert-Butylphenol (BP)	n.d.	< 4.0	-
Pentylphenol (PeP)	n.d.	< 4.0	-
Heptylphenol (HpP)	n.d.	< 4.0	-
Octylphenol (OP)	n.d.	< 4.0	-
Octylphenolethoxylates (OP(EO))	n.d.	< 4.0	-
Nonylphenol (NP)	n.d.	< 4.0	-
Nonylphenolethoxylates (NP(EO))	n.d.	< 4.0	-
Sum BP, NP, OP, HpP, PeP, NP(EO), OP(EO)	n.d.	-	< 50.0
Sum BP, NP, OP, HpP, PeP	n.d.	-	< 5.0

Additional details for this test

Parameter hints:
Testing method according to OEKO-TEX® STANDARD 100

PFAS, Per- and polyfluorinated compounds/per- and polyfluoroalkyl substances

The following results were evaluated against the limit values (LV):

I OEKO-TEX® STANDARD 100 Annex 6 product class I, 04.2025

	16 [µg/kg]	20 [µg/kg]	RL [µg/kg]	LV [µg/kg]
Perfluorooctanoic acid and salts (PFOA)	n.d.	n.d.	< 10	-
Sum PFOA and salts	n.d.	n.d.	-	< 25
1H,1H,2H,2H-Perfluoro-1-decanol (8:2 FTOH)	n.d.	n.d.	< 100	-
1H,1H,2H,2H-Perfluorodecane sulfonic acid and salts (8:2 FTS)	n.d.	n.d.	< 10	-
Sum PFOA related Substances	n.d.	n.d.	-	< 250
Perfluorononanoic acid and salts (PFNA)	n.d.	n.d.	< 10	-
Perfluorodecanoic acid and salts (PFDA)	n.d.	n.d.	< 10	-
Henicosafluoroundecanoic acid and salts (PFUdA)	n.d.	n.d.	< 10	-
Tricosafluorododecanoic acid and salts (PFDoA)	n.d.	n.d.	< 10	-
Pentacosafluorotridecananoic acid and salts (PFTrDA)	n.d.	n.d.	< 10	-
Heptacosafluorotetradecanoic acid and salts (PFTeDA)	n.d.	n.d.	< 10	-
Perfluoro(3,7-dimethyloctanoic acid) and salts (PF-3,7-DMOA)	n.d.	n.d.	< 10	-
Perfluorobutanoic acid and salts (PFBA)	n.d.	n.d.	< 10	-
Perfluoropentanoic acid and salts (PFPeA)	n.d.	n.d.	< 10	-
Perfluorohexanoic acid and salts (PFHxA)	n.d.	n.d.	< 10	-
Perfluoroheptanoic acid and salts (PFHpA)	n.d.	n.d.	< 10	-
Sum C9-C14 PFCA and further PFCAs	n.d.	n.d.	-	< 25
Henicosafluorodecane sulfonic acid and salts (PFDS)	n.d.	n.d.	< 10	-
2H,2H,3H,3H-Perfluoroundecanoic acid and salts (4HPFUnA)	n.d.	n.d.	< 10	-
1H,1H,2H,2H-Perfluoro-1-dodecanol (10:2 FTOH)	n.d.	n.d.	< 100	-
Sum C9-C14 PFCA related Substances	n.d.	n.d.	-	< 260
Perfluorooctane sulfonic acid and sulfonates (PFOS)	n.d.	n.d.	< 10	< 25
Perfluorooctane sulfonamide (PFOSA)	n.d.	n.d.	< 10	-
N-Methyl perfluorooctane sulfonamide (N-Me-FOSA)	n.d.	n.d.	< 10	-

	16 [µg/kg]	20 [µg/kg]	RL [µg/kg]	LV [µg/kg]
N-Ethyl perfluorooctane sulfonamide (N-Et-FOSA)	n.d.	n.d.	< 10	-
N-Methyl perfluorooctane sulfonamide ethanol (N-Me-FOSE)	n.d.	n.d.	< 10	-
N-Ethyl perfluorooctane sulfonamide ethanol (N-Et-FOSE)	n.d.	n.d.	< 10	-
Sum PFOS and related	n.d.	n.d.	-	< 1000
Sum PFHxA and salts	n.d.	n.d.	-	< 25
Sum PFHxA related substances	n.d.	n.d.	-	< 1000
Perfluorobutane sulfonic acid and salts (PFBS)	n.d.	n.d.	< 10	-
Perfluorohexane sulfonic acid and salts (PFHxS)	n.d.	n.d.	< 10	-
Perfluoroheptane sulfonic acid and salts (PFHpS)	n.d.	n.d.	< 10	-
Sum PFHxS and salts	n.d.	n.d.	-	< 25
Sum PFHxS related substances	n.d.	n.d.	-	< 1000
N-Methyl perfluorohexane sulfonamide	n.d.	n.d.	< 10	-
Perfluorohexane sulfonamide	n.d.	n.d.	< 10	-
1H,1H,2H,2H-Perfluorooctane sulfonic acid and salts (6:2 FTS)	n.d.	n.d.	< 10	-
7H-Perfluoro heptanoic acid and salts (7HPFHpA)	n.d.	n.d.	< 10	-
1H,1H,2H,2H-Perfluoro-1-hexanol (4:2 FTOH)	n.d.	n.d.	< 200	-
1H,1H,2H,2H-Perfluoro-1-octanol (6:2 FTOH)	n.d.	n.d.	< 100	-
2,3,3,3-tetrafluoro-2-(heptafluoro propoxy)propionic acid, its salts and ist acyl halides (HFPO-DA)	n.d.	n.d.	< 10	-
Sum Partially fluorinated carboxylic / sulfonic acids under observation	n.d.	n.d.	-	-
Sum Further PFAS	n.d.	n.d.	-	< 250

Additional details for this test

Parameter hints:

Testing method according to OEKO-TEX® STANDARD 100

Perfluorooctane sulfonfluoride (PFOSF / POSF) is determined as Perfluorooctane sulfonic acid and sulfonates (PFOS).

6:2 FTA is determined as 6:2 FTOH.

8:2 FTA is determined as 8:2 FTOH.

10:2 FTA is determined as 10:2 FTOH.

Result value details:

2,3,3,3-tetrafluoro-2-(heptafluoro propoxy)propionic acid, its salts and ist acyl halides (HFPO-DA)

Is under observation and the result is provided for information but presently not regulated

Sum Partially fluorinated carboxylic / sulfonic acids under observation

Is under observation and the result is provided for information but presently not regulated

PFAS, Per- and polyfluorinated compounds/per- and polyfluoroalkyl substances

The following results were evaluated against the limit values (LV):

I OEKO-TEX® STANDARD 100 Annex 6 product class I Edition 04.2025/V3

	16 [µg/kg]	RL [µg/kg]	LV [µg/kg]
Perfluorooctanoic acid and salts (PFOA)	n.d.	< 10	< 25
1H,1H,2H,2H-Perfluoro-1-decanol (8:2 FTOH)	n.d.	< 20	< 25
1H,1H,2H,2H-Perfluorodecane sulfonic acid and salts (8:2 FTS)	n.d.	< 10	< 25
Perfluorononanoic acid and salts (PFNA)	n.d.	< 10	-
Perfluorodecanoic acid and salts (PFDA)	n.d.	< 10	-
Henicosafluoroundecanoic acid and salts (PFUdA)	n.d.	< 10	-
Tricosafluorododecanoic acid and salts (PFDoA)	n.d.	< 10	-
Pentacosafluorotridecananoic acid and salts (PFTrDA)	n.d.	< 10	-
Heptacosafluorotetradecanoic acid and salts (PFTeDA)	n.d.	< 10	-
Perfluoro(3,7-dimethyloctanoic acid) and salts (PF-3,7-DMOA)	n.d.	< 10	-
Perfluorobutanoic acid and salts (PFBA)	n.d.	< 10	-
Perfluoropentanoic acid and salts (PFPeA)	n.d.	< 10	-
Perfluorohexanoic acid and salts (PFHxA)	n.d.	< 10	-
Perfluoroheptanoic acid and salts (PFHpA)	n.d.	< 10	-
Sum C9-C14 PFCA and further PFCAs	n.d.	-	< 25
Henicosafluorodecane sulfonic acid and salts (PFDS)	n.d.	< 10	< 25
2H,2H,3H,3H-Perfluoroundecanoic acid and salts (4HPFUnA)	n.d.	< 10	< 25
1H,1H,2H,2H-Perfluoro-1-dodecanol (10:2 FTOH)	n.d.	< 20	< 25
Perfluorooctane sulfonic acid and sulfonates (PFOS)	n.d.	< 10	< 25
Perfluorooctane sulfonamide (PFOSA)	n.d.	< 10	< 25
N-Methyl perfluorooctane sulfonamide (N-Me-FOSA)	n.d.	< 10	< 25
N-Ethyl perfluorooctane sulfonamide (N-Et-FOSA)	n.d.	< 10	< 25
N-Methyl perfluorooctane sulfonamide ethanol (N-Me-FOSE)	n.d.	< 10	< 25

	16 [µg/kg]	RL [µg/kg]	LV [µg/kg]
N-Ethyl perfluorooctane sulfonamide ethanol (N-Et-FOSE)	n.d.	< 10	< 25
Perfluorobutane sulfonic acid and salts (PFBS)	n.d.	< 10	< 25
Perfluorohexane sulfonic acid and salts (PFHxS)	n.d.	< 10	< 25
Perfluoroheptane sulfonic acid and salts (PFHpS)	n.d.	< 10	< 25
N-Methyl perfluorohexane sulfonamide	n.d.	< 10	< 25
Perfluorohexane sulfonamide	n.d.	< 10	< 25
1H,1H,2H,2H-Perfluorooctane sulfonic acid and salts (6:2 FTS)	n.d.	< 10	< 25
7H-Perfluoro heptanoic acid and salts (7HPFHpA)	n.d.	< 10	< 25
1H,1H,2H,2H-Perfluoro-1-hexanol (4:2 FTOH)	n.d.	< 200	< 25
1H,1H,2H,2H-Perfluoro-1-octanol (6:2 FTOH)	**43**	< 20	< 25
2,3,3,3-tetrafluoro-2-(heptafluoro propoxy)propionic acid, its salts and ist acyl halides (HFPO-DA)	n.d.	< 10	< 25
Sum all PFAS	43	-	< 250

Footnotes

Failed materials	**16**	Woven fabric, LI and PES in white, RUCO-DRY ECO PLUS (water and oil repellent), Red, Yarn dyed, Cationic dyed, Water repellent finishing, Polyacrylnitrile, Polyester, Linen

Additional details for this test

Parameter hints:

Testing method according to OEKO-TEX® STANDARD 100

Perfluorooctane sulfonfluoride (PFOSF / POSF) is determined as Perfluorooctane sulfonic acid and sulfonates (PFOS).

6:2 FTA is determined as 6:2 FTOH.

8:2 FTA is determined as 8:2 FTOH.

10:2 FTA is determined as 10:2 FTOH.

PFAS, Per- and polyfluorinated compounds/per- and polyfluoroalkyl substances

The following results were evaluated against the limit values (LV):

I OEKO-TEX® STANDARD 100 Annex 6 product class I Edition 04.2025/V3

	20 [µg/kg]	33 [µg/kg]	RL [µg/kg]	LV [µg/kg]
Perfluorooctanoic acid and salts (PFOA)	n.d.	n.d.	< 10	< 25
1H,1H,2H,2H-Perfluoro-1-decanol (8:2 FTOH)	n.d.	n.d.	< 20	< 25
1H,1H,2H,2H-Perfluorodecane sulfonic acid and salts (8:2 FTS)	n.d.	n.d.	< 10	< 25
Perfluorononanoic acid and salts (PFNA)	n.d.	n.d.	< 10	-
Perfluorodecanoic acid and salts (PFDA)	n.d.	n.d.	< 10	-
Henicosafluoroundecanoic acid and salts (PFUdA)	n.d.	n.d.	< 10	-
Tricosafluorododecanoic acid and salts (PFDoA)	n.d.	n.d.	< 10	-
Pentacosafluorotridecananoic acid and salts (PFTrDA)	n.d.	n.d.	< 10	-
Heptacosafluorotetradecanoic acid and salts (PFTeDA)	n.d.	n.d.	< 10	-
Perfluoro(3,7-dimethyloctanoic acid) and salts (PF-3,7-DMOA)	n.d.	n.d.	< 10	-
Perfluorobutanoic acid and salts (PFBA)	n.d.	n.d.	< 10	-
Perfluoropentanoic acid and salts (PFPeA)	n.d.	n.d.	< 10	-
Perfluorohexanoic acid and salts (PFHxA)	n.d.	n.d.	< 10	-
Perfluoroheptanoic acid and salts (PFHpA)	n.d.	n.d.	< 10	-
Sum C9-C14 PFCA and further PFCAs	n.d.	n.d.	-	< 25
Henicosafluorodecane sulfonic acid and salts (PFDS)	n.d.	n.d.	< 10	< 25
2H,2H,3H,3H-Perfluoroundecanoic acid and salts (4HPFUnA)	n.d.	n.d.	< 10	< 25
1H,1H,2H,2H-Perfluoro-1-dodecanol (10:2 FTOH)	n.d.	n.d.	< 20	< 25
Perfluorooctane sulfonic acid and sulfonates (PFOS)	n.d.	n.d.	< 10	< 25
Perfluorooctane sulfonamide (PFOSA)	n.d.	n.d.	< 10	< 25
N-Methyl perfluorooctane sulfonamide (N-Me-FOSA)	n.d.	n.d.	< 10	< 25
N-Ethyl perfluorooctane sulfonamide (N-Et-FOSA)	n.d.	n.d.	< 10	< 25
N-Methyl perfluorooctane sulfonamide ethanol (N-Me-FOSE)	n.d.	n.d.	< 10	< 25

	20 [µg/kg]	33 [µg/kg]	RL [µg/kg]	LV [µg/kg]
N-Ethyl perfluorooctane sulfonamide ethanol (N-Et-FOSE)	n.d.	n.d.	< 10	< 25
Perfluorobutane sulfonic acid and salts (PFBS)	n.d.	n.d.	< 10	< 25
Perfluorohexane sulfonic acid and salts (PFHxS)	n.d.	n.d.	< 10	< 25
Perfluoroheptane sulfonic acid and salts (PFHpS)	n.d.	n.d.	< 10	< 25
N-Methyl perfluorohexane sulfonamide	n.d.	n.d.	< 10	< 25
Perfluorohexane sulfonamide	n.d.	n.d.	< 10	< 25
1H,1H,2H,2H-Perfluorooctane sulfonic acid and salts (6:2 FTS)	n.d.	n.d.	< 10	< 25
7H-Perfluoro heptanoic acid and salts (7HPFHpA)	n.d.	n.d.	< 10	< 25
1H,1H,2H,2H-Perfluoro-1-hexanol (4:2 FTOH)	n.d.	n.d.	< 200	< 25
1H,1H,2H,2H-Perfluoro-1-octanol (6:2 FTOH)	n.d.	n.d.	< 20	< 25
2,3,3,3-tetrafluoro-2-(heptafluoro propoxy)propionic acid, its salts and ist acyl halides (HFPO-DA)	n.d.	n.d.	< 10	< 25
Sum all PFAS	n.d.	n.d.	-	< 250

Additional details for this test

Parameter hints:

Testing method according to OEKO-TEX® STANDARD 100

Perfluorooctane sulfonfluoride (PFOSF / POSF) is determined as Perfluorooctane sulfonic acid and sulfonates (PFOS).

6:2 FTA is determined as 6:2 FTOH.

8:2 FTA is determined as 8:2 FTOH.

10:2 FTA is determined as 10:2 FTOH.

Fluorine content

The following results were evaluated against the limit values (LV):

I OEKO-TEX® STANDARD 100 Annex 6 product class I, 04.2025

	16 [mg/kg]	20 [mg/kg]	33 [mg/kg]	RL [mg/kg]	LV [mg/kg]
Total fluorine (TF)	n.d.	n.d.	n.d.	< 20	< 100
Additional details for this test					

Parameter hints:
Testing method according to OEKO-TEX® STANDARD 100

N-(hydroxymethyl)acrylamid

The following results were evaluated against the limit values (LV):

I OEKO-TEX® STANDARD 100 Annex 6 product class I, 04.2025

	14 [C1] [mg/kg]	15 [C1] [mg/kg]	16 [C2] [mg/kg]	17 [C1] [mg/kg]	18 [C2] [mg/kg]	19 [C2] [mg/kg]	RL [mg/kg]	LV [mg/kg]
N-(Hydroxymethyl)acrylamide	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 100	< 1000

Footnotes	
Composite Samples	**C1** 14, 15, 17 **C2** 16, 18, 19

N-(hydroxymethyl)acrylamid (Cont.)

	20 [mg/kg]	RL [mg/kg]	LV [mg/kg]
N-(Hydroxymethyl)acrylamide	n.d.	< 100	< 1000

Additional details for this test

Parameter hints:

Testing method according to OEKO-TEX® STANDARD 100

Melamine

The following results were evaluated against the limit values (LV):

I OEKO-TEX® STANDARD 100 Annex 6 product class I, 04.2025

	17 C1 [mg/kg]	20 C1 [mg/kg]	RL [mg/kg]	LV [mg/kg]
Melamine	n.d.	n.d.	< 50	< 1000

Footnotes

Composite Samples	**C1**	17, 20

Additional details for this test

Parameter hints:

Testing method according to OEKO-TEX® STANDARD 100

There is a transition period for foams until the 01/01/2025

Bisphenols

The following results were evaluated against the limit values (LV):

I OEKO-TEX® STANDARD 100 Annex 6 product class I, 04.2025

	14 [C1] [mg/kg]	20 [C1] [mg/kg]	RL [mg/kg]	LV [mg/kg]
Bisphenol A	n.d.	n.d.	< 5	< 10
Bisphenol B	n.d.	n.d.	< 5	< 1000
Bisphenol AF	n.d.	n.d.	< 5	< 1000
Bisphenol F	n.d.	n.d.	< 5	< 1000
Bisphenol S	n.d.	n.d.	< 5	< 1000
2,2′-Methylenebis(4-methyl-6-tert-butylphenol)	n.d.	n.d.	< 5	< 1000
Bis(4-chlorophenyl)sulphone	n.d.	n.d.	< 50	< 1000
Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide	n.d.	n.d.	< 50	< 1000
Bis(α,α-dimethylbenzyl) peroxide	n.d.	n.d.	< 50	< 1000

Footnotes

Composite Samples	**C1**	14, 20

Additional details for this test

Parameter hints:

Testing method according to OEKO-TEX® STANDARD 100

Phthalates

The following results were evaluated against the limit values (LV):

I OEKO-TEX® STANDARD 100 Annex 6 product class I, 04.2025

	14 [mg/kg]	20 [mg/kg]	RL [mg/kg]	LV [mg/kg]
Benzyl butyl phthalate (BBP)	n.d.	n.d.	< 50	≤ 100
Dibutyl phthalate (DBP)	n.d.	n.d.	< 50	≤ 100
Diethyl phthalate (DEP)	n.d.	n.d.	< 50	≤ 100
Dimethyl phthalate (DMP)	n.d.	n.d.	< 50	≤ 100
Di-(2-ethylhexyl)phthalate (DEHP)	n.d.	n.d.	< 50	≤ 100
Di-(2-methoxyethyl)phthalate (DMEP)	n.d.	n.d.	< 50	≤ 100
Di-C6-8 branched alkylphthalates, C7 rich (DIHP)	n.d.	n.d.	< 50	≤ 100
Di-cyclohexyl phthalate (DCHP)	n.d.	n.d.	< 50	≤ 100
Dihexylphthalate, branched and linear (DHxP)	n.d.	n.d.	-	≤ 100
Di-iso-butyl phthalate (DIBP)	n.d.	n.d.	< 50	≤ 100
Di-iso-hexyl phthalate (DIHxP)	n.d.	n.d.	< 50	≤ 100
Di-iso-octyl phthalate (DIOP)	n.d.	n.d.	< 50	≤ 100
Di-iso-nonyl phthalate (DINP)	n.d.	n.d.	< 50	≤ 100
Di-iso-decyl phthalate (DIDP)	n.d.	n.d.	< 50	≤ 100
Di-n-propyl phthalate (DPrP)	n.d.	n.d.	< 50	≤ 100
Di-n-hexyl phthalate (DHP)	n.d.	n.d.	< 50	≤ 100
Di-n-octyl phthalate (DNOP)	n.d.	n.d.	< 50	≤ 100
Di-n-nonyl phthalate (DNP)	n.d.	n.d.	< 50	≤ 100
Di-phentylphthalate (n-, iso-, or mixed) (DPP)	n.d.	n.d.	-	≤ 100
Di-n-pentyl phthalate	n.d.	n.d.	< 50	-
Di-iso-pentyl phthalate	n.d.	n.d.	< 50	-
n-Pentyl-iso-pentyl phthalate (nPIP)	n.d.	n.d.	< 50	-
Sum phthalates	n.d.	n.d.	-	≤ 250
Di-n-undecyl phthalate (DUP)	n.d.	n.d.	< 50	-
2,4,6-Tri-tert-butylphenol	n.d.	n.d.	< 100	-

Additional details for this test

Parameter hints:

Testing method according to OEKO-TEX® STANDARD 100

Di-C7-11-branched and linear alkylphthalates (DHNUP) are determined by sum of corresponding phthalates.

1,2-Benzenedicarboxylic acid, di-C6-10 alkyl esters are determined by sum of corresponding phthalates.

1,2-Benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters are determined by sum of corresponding phthalates.

Result value details:

2,4,6-Tri-tert-butylphenol

Is under observation and the result is provided for information but presently not regulated.

Siloxanes

The following results were evaluated against the limit values (LV):

I OEKO-TEX® STANDARD 100 Annex 6 product class I, 04.2025

	14 [C1] [mg/kg]	16 [C2] [mg/kg]	18 [C2] [mg/kg]	20 [C1] [mg/kg]	RL [mg/kg]	LV [mg/kg]
Octamethylcyclotetrasiloxane (D4)	n.d.	n.d.	n.d.	n.d.	< 100	< 1000
Decamethylcyclopentasiloxane (D5)	n.d.	n.d.	n.d.	n.d.	< 100	< 1000
Dodecamethylcyclohexasiloxane (D6)	n.d.	n.d.	n.d.	n.d.	< 100	< 1000
Tris(2-methoxyethoxy)vinylsilane	n.d.	n.d.	n.d.	n.d.	< 100	< 1000
Octamethyltrisiloxane	n.d.	n.d.	n.d.	n.d.	< 100	< 1000
1,1,1,3,5,5,5-Heptamethyl-3-((trimethylsilyl)oxy)trisiloxane	n.d.	n.d.	n.d.	n.d.	< 100	< 1000
Decamethyltetrasiloxane	n.d.	n.d.	n.d.	n.d.	< 100	< 1000

Footnotes

Composite Samples	**C1**	14, 20
	C2	16, 18

Additional details for this test

Parameter hints:

Testing method according to OEKO-TEX® STANDARD 100

UV-stabilisers

The following results were evaluated against the limit values (LV):

I OEKO-TEX® STANDARD 100 Annex 6 product class I, 04.2025

	20 [mg/kg]	RL [mg/kg]	LV [mg/kg]
UV 320	n.d.	< 10.0	< 100.0
UV 326	n.d.	< 10.0	< 100.0
UV 327	n.d.	< 10.0	< 100.0
UV 328	n.d.	< 0.5	< 1.0
UV 329	n.d.	< 10.0	< 100.0
UV 350	n.d.	< 10.0	< 100.0
Drometrizole	n.d.	< 10.0	-
Additional details for this test			

Parameter hints:
Testing method according to OEKO-TEX® STANDARD 100

Result value details:
Drometrizole

N-Nitrosamines and N-nitrosatable substances

The following results were evaluated against the limit values (LV):

I OEKO-TEX® STANDARD 100 Annex 6 product class I, 04.2025

	20 S1 [mg/kg]	29 S2 [mg/kg]	RL [mg/kg]	LV [mg/kg]
N-Nitrosodibenzylamine (NDBzA)	n.d.	n.d.	< 0.10	< 0.50
N-Nitrosodibutylamine (NDBA)	n.d.	n.d.	< 0.10	< 0.50
N-Nitrosodiethanolamine (NDELA)	**0.65**	**0.88**	< 0.10	< 0.50
N-Nitrosodiethylamine (NDEA)	n.d.	n.d.	< 0.10	< 0.50
N-Nitrosodiisobutylamine (NDiBA)	n.d.	n.d.	< 0.10	< 0.50
N-Nitrosodiisononylamine (NDiNA)	n.d.	n.d.	< 0.10	< 0.50
N-Nitrosodiisopropylamine (NDiPA)	n.d.	n.d.	< 0.10	< 0.50
N-Nitrosodimethylamine (NDMA)	n.d.	n.d.	< 0.10	< 0.50
N-Nitrosodipropylamine (NDPA)	n.d.	n.d.	< 0.10	< 0.50
N-Nitrosomethylethylamine (NMEA)	n.d.	n.d.	< 0.10	< 0.50
N-Nitrosomorpholine (NMOR)	n.d.	n.d.	< 0.10	< 0.50
N-Nitroso-N-ethyl-N-phenylamine (NEPhA)	n.d.	n.d.	< 0.10	< 0.50
N-Nitroso-N-methyl-N-phenylamine (NMPhA)	n.d.	0.12	< 0.10	< 0.50
N-Nitroso-piperidine (NPIP)	n.d.	n.d.	< 0.10	< 0.50
1-Nitroso-pyrrolidine (NPYR)	n.d.	n.d.	< 0.10	< 0.50
Nitrosatable N-Nitrosodibenzylamine (NDBzA)	n.d.	n.d.	< 0.10	-
Nitrosatable N-Nitrosodibutylamine (NDBA)	n.d.	n.d.	< 0.10	-
Nitrosatable N-Nitrosodiethanolamine (NDELA)	0.31	0.24	< 0.10	-
Nitrosatable N-Nitrosodiethylamine (NDEA)	n.d.	n.d.	< 0.10	-
Nitrosatable N-Nitrosodiisobutylamine (NDiBA)	n.d.	n.d.	< 0.10	-
Nitrosatable N-Nitrosodiisononylamine (NDiNA)	n.d.	n.d.	< 0.10	-
Nitrosatable N-Nitrosodiisopropylamine (NDiPA)	n.d.	n.d.	< 0.10	-
Nitrosatable N-Nitrosodimethylamine (NDMA)	n.d.	n.d.	< 0.10	-
Nitrosatable N-Nitrosodipropylamine (NDPA)	n.d.	n.d.	< 0.10	-
Nitrosatable N-Nitrosomethylethylamine (NMEA)	n.d.	n.d.	< 0.10	-
Nitrosatable N-Nitrosomorpholine (NMOR)	n.d.	n.d.	< 0.10	-

	20 S1 [mg/kg]	29 S2 [mg/kg]	RL [mg/kg]	LV [mg/kg]
Nitrosatable N-Nitroso-N-ethyl-N-phenylamine (NEPhA)	n.d.	n.d.	< 0.10	-
Nitrosatable N-Nitroso-N-methyl-N-phenylamine (NMPhA)	n.d.	n.d.	< 0.10	-
Nitrosatable N-Nitroso-piperidine (NPIP)	n.d.	n.d.	< 0.10	-
Nitrosatable 1-Nitroso-pyrrolidine (NPYR)	n.d.	n.d.	< 0.10	-
Sum N-nitrosatable substances	0.31	0.24	-	< 5.00

Footnotes

Failed materials	**20**	Woven fabric, EXOCOAT, ORGALATEX C6626 latex coating, PP: Source Hellenic, Blue, White, Yarn dyed, Pigment dyed, Coated, Polypropylene, Latex
	29	Woven fabric, Retest of: Material 20, EXOCOAT, ORGALATEX C6626 latex coating, PP: Source Hellenic, Blue, White, Yarn dyed, Pigment dyed, Coated, Polypropylene, Latex
Composite Samples	**S1** 20	Separation after analysis of the composite sample to obtain clear results
	S2 29	Separation after analysis of the composite sample to obtain clear results

Additional details for this test

Parameter hints:
Testing method according to OEKO-TEX® STANDARD 100

N-Nitrosamines and N-nitrosatable substances

The following results were evaluated against the limit values (LV):

I OEKO-TEX® STANDARD 100 Annex 6 product class I, 04.2025

	32 [mg/kg]	RL [mg/kg]	LV [mg/kg]
N-Nitrosodibenzylamine (NDBzA)	n.d.	< 0.10	< 0.50
N-Nitrosodibutylamine (NDBA)	n.d.	< 0.10	< 0.50
N-Nitrosodiethanolamine (NDELA)	0.42	< 0.10	< 0.50
N-Nitrosodiethylamine (NDEA)	n.d.	< 0.10	< 0.50
N-Nitrosodiisobutylamine (NDiBA)	n.d.	< 0.10	< 0.50
N-Nitrosodiisononylamine (NDiNA)	n.d.	< 0.10	< 0.50
N-Nitrosodiisopropylamine (NDiPA)	n.d.	< 0.10	< 0.50
N-Nitrosodimethylamine (NDMA)	n.d.	< 0.10	< 0.50
N-Nitrosodipropylamine (NDPA)	n.d.	< 0.10	< 0.50
N-Nitrosomethylethylamine (NMEA)	n.d.	< 0.10	< 0.50
N-Nitrosomorpholine (NMOR)	n.d.	< 0.10	< 0.50
N-Nitroso-N-ethyl-N-phenylamine (NEPhA)	n.d.	< 0.10	< 0.50
N-Nitroso-N-methyl-N-phenylamine (NMPhA)	n.d.	< 0.10	< 0.50
N-Nitroso-piperidine (NPIP)	n.d.	< 0.10	< 0.50
1-Nitroso-pyrrolidine (NPYR)	n.d.	< 0.10	< 0.50
Nitrosatable N-Nitrosodibenzylamine (NDBzA)	n.d.	< 0.10	-
Nitrosatable N-Nitrosodibutylamine (NDBA)	n.d.	< 0.10	-
Nitrosatable N-Nitrosodiethanolamine (NDELA)	0.19	< 0.10	-
Nitrosatable N-Nitrosodiethylamine (NDEA)	n.d.	< 0.10	-
Nitrosatable N-Nitrosodiisobutylamine (NDiBA)	n.d.	< 0.10	-
Nitrosatable N-Nitrosodiisononylamine (NDiNA)	n.d.	< 0.10	-
Nitrosatable N-Nitrosodiisopropylamine (NDiPA)	n.d.	< 0.10	-
Nitrosatable N-Nitrosodimethylamine (NDMA)	n.d.	< 0.10	-
Nitrosatable N-Nitrosodipropylamine (NDPA)	n.d.	< 0.10	-
Nitrosatable N-Nitrosomethylethylamine (NMEA)	n.d.	< 0.10	-
Nitrosatable N-Nitrosomorpholine (NMOR)	n.d.	< 0.10	-

	32 [mg/kg]	RL [mg/kg]	LV [mg/kg]
Nitrosatable N-Nitroso-N-ethyl-N-phenylamine (NEPhA)	n.d.	< 0.10	-
Nitrosatable N-Nitroso-N-methyl-N-phenylamine (NMPhA)	n.d.	< 0.10	-
Nitrosatable N-Nitroso-piperidine (NPIP)	n.d.	< 0.10	-
Nitrosatable 1-Nitroso-pyrrolidine (NPYR)	n.d.	< 0.10	-
Sum N-nitrosatable substances	0.19	-	< 5.00
Additional details for this test			

Parameter hints:

Testing method according to OEKO-TEX® STANDARD 100

2-Mercaptobenzothiazole

The following results were evaluated against the limit values (LV):

I OEKO-TEX® STANDARD 100 Annex 6 product class I, 04.2025

	20 [S1] [mg/kg]	RL [mg/kg]	LV [mg/kg]
2-Mercaptobenzothiazole	n.d.	< 10	< 1000

Footnotes			
Composite Samples	**S1**	20	Separation after analysis of the composite sample to obtain clear results

Additional details for this test

Parameter hints:
Testing method according to OEKO-TEX® STANDARD 100

Colour fastness to water

The following results were evaluated against the limit values (LV):

I OEKO-TEX® STANDARD 100 Annex 6 product class I, 04.2025

	1	5	6	7	LV
Adjacent fabric 1	Polyester	Acrylic	Acrylic	Polyester	-
Adjacent fabric 2	Cotton	Cotton	Cotton	Cotton	-
Fastness grade 1	4-5	4-5	4	4-5	(LV1)
Fastness grade 2	4	4-5	4-5	4-5	(LV1)
Footnotes					
Leads to failed	**(LV1)** 1 / 1-2 / 2 / 2-3 / 3				

Colour fastness to water (Cont.)

	10	12	14	16	LV
Adjacent fabric 1	Cotton	Cotton	Polyester	Acrylic	-
Adjacent fabric 2	Wool	Wool	Cotton	Polyester	-
Fastness grade 1	4-5	4-5	4-5	4	(LV1)
Fastness grade 2	4-5	4-5	4-5	4	(LV1)
Footnotes					
Leads to failed	**(LV1)** 1 / 1-2 / 2 / 2-3 / 3				

Colour fastness to water (Cont.)

	18	20	22	24	LV
Adjacent fabric 1	Acrylic	Polyester	Polyester	Polyester	-
Adjacent fabric 2	Polyester	Cotton	Cotton	Cotton	-
Fastness grade 1	4-5	4-5	4-5	4-5	(LV1)
Fastness grade 2	4-5	4-5	4-5	4-5	(LV1)
Footnotes					
Leads to failed	**(LV1)** 1 / 1-2 / 2 / 2-3 / 3				
Additional details for this test					

Parameter hints:

Testing method according to OEKO-TEX® STANDARD 100

Colour fastness to perspiration

The following results were evaluated against the limit values (LV):

I OEKO-TEX® STANDARD 100 Annex 6 product class I, 04.2025

	2	5	6	8	LV
Adjacent fabric 1	Polyester	Acrylic	Acrylic	Polyester	-
Adjacent fabric 2	Cotton	Cotton	Cotton	Cotton	-
Fastness grade 1 - alkaline	4-5	4-5	4-5	4-5	(LV1)
Fastness grade 2 - alkaline	4-5	4-5	4	4-5	(LV1)
Fastness grade 1 - acid	4-5	4-5	4	4-5	(LV1)
Fastness grade 2 - acid	4-5	4-5	4	4-5	(LV1)
Footnotes					
Leads to failed	**(LV1)** 1 / 1-2 / 2 / 2-3 / 3				

Colour fastness to perspiration (Cont.)

	11	15	16	17	LV
Adjacent fabric 1	Viscose	Polyester	Acrylic	Acrylic	-
Adjacent fabric 2	Wool	Cotton	Polyester	Polyester	-
Fastness grade 1 - alkaline	4	4-5	4-5	4-5	(LV1)
Fastness grade 2 - alkaline	4-5	4-5	4	4-5	(LV1)
Fastness grade 1 - acid	4	4-5	4	4-5	(LV1)
Fastness grade 2 - acid	4	4-5	4	4-5	(LV1)
Footnotes					
Leads to failed	**(LV1)** 1 / 1-2 / 2 / 2-3 / 3				

Colour fastness to perspiration (Cont.)

	19	20	23	24	LV
Adjacent fabric 1	Cotton	Polyester	Polyester	Polyester	-
Adjacent fabric 2	Polyester	Cotton	Cotton	Cotton	-
Fastness grade 1 - alkaline	4-5	4-5	4-5	4-5	(LV1)
Fastness grade 2 - alkaline	4-5	4-5	4-5	4-5	(LV1)
Fastness grade 1 - acid	4-5	4-5	4-5	4-5	(LV1)

	19	20	23	24	LV
Fastness grade 2 - acid	4-5	4-5	4-5	4-5	(LV1)

Footnotes	
Leads to failed	**(LV1)** 1 / 1-2 / 2 / 2-3 / 3

Additional details for this test

Parameter hints:
Testing method according to OEKO-TEX® STANDARD 100

Colour fastness to rubbing

The following results were evaluated against the limit values (LV):

I OEKO-TEX® STANDARD 100 Annex 6 product class I, 04.2025

	3	4	11	12	LV
Fastness grade dry	4-5	4-5	4-5	4-5	(LV1)
Footnotes					
Leads to failed	**(LV1)** 1 / 1-2 / 2 / 2-3 / 3 / 3-4				

Colour fastness to rubbing (Cont.)

	14	15	18	21	LV
Fastness grade dry	4-5	4-5	4-5	4-5	(LV1)
Footnotes					
Leads to failed	**(LV1)** 1 / 1-2 / 2 / 2-3 / 3 / 3-4				

Colour fastness to rubbing (Cont.)

	22	27	LV
Fastness grade dry	4-5	4-5	(LV1)
Footnotes			
Leads to failed	**(LV1)** 1 / 1-2 / 2 / 2-3 / 3 / 3-4		
Additional details for this test			

Parameter hints:
Testing method according to OEKO-TEX® STANDARD 100

Colour fastness to rubbing

The following results were evaluated against the limit values (LV):

I OEKO-TEX® STANDARD 100 Annex 6 product class I, 04.2025

	16	LV
Fastness grade dry	3-4	(LV1)
Footnotes		
Failed materials	**16**	Woven fabric, LI and PES in white, RUCO-DRY ECO PLUS (water and oil repellent), Red, Yarn dyed, Cationic dyed, Water repellent finishing, Polyacrylnitrile, Polyester, Linen
Leads to failed	**(LV1)**	1 / 1-2 / 2 / 2-3 / 3 / 3-4
Additional details for this test		

Parameter hints:

Testing method according to OEKO-TEX® STANDARD 100

Colour fastness to saliva and perspiration

The following results were evaluated against the limit values (LV):

I OEKO-TEX® STANDARD 100 Annex 6 product class I, 04.2025

	1	11	25	LV
Rating	not fast	not fast	not fast	(LV1)

Footnotes

Failed materials	1	Yarn, Pigment masterbatch dyed, Base certificate: OEKO-TEX® ECO PASSPORT 24.0.76167, Red, Pigment dyed, Polypropylene
	11	Yarn, Red, Reactive dyed, Viscose
	25	Yarn, Retest of: Material 11, Red, Reactive dyed, Viscose
Leads to failed	(LV1)	not fast

Additional details for this test

Parameter hints:

Testing method according to OEKO-TEX® STANDARD 100

Result value details:

Rating

The evaluation "fast" confirms the saliva and perspiration fastness of the sample.
The evaluation "not fast" confirms that the sample is not fast to saliva and perspiration.

Colour fastness to saliva and perspiration

The following results were evaluated against the limit values (LV):

I OEKO-TEX® STANDARD 100 Annex 6 product class I, 04.2025

	2	3	4	5	LV
Rating	fast	fast	fast	fast	(LV1)
Footnotes					
Leads to failed	**(LV1)** not fast				

Colour fastness to saliva and perspiration (Cont.)

	6	7	8	9	LV
Rating	fast	fast	fast	fast	(LV1)
Footnotes					
Leads to failed	**(LV1)** not fast				

Colour fastness to saliva and perspiration (Cont.)

	10	12	14	15	LV
Rating	fast	fast	fast	fast	(LV1)
Footnotes					
Leads to failed	**(LV1)** not fast				

Colour fastness to saliva and perspiration (Cont.)

	16	17	18	19	LV
Rating	fast	fast	fast	fast	(LV1)
Footnotes					
Leads to failed	**(LV1)** not fast				

Colour fastness to saliva and perspiration (Cont.)

	20	21	22	23	LV
Rating	fast	fast	fast	fast	(LV1)
Footnotes					
Leads to failed	**(LV1)** not fast				

Colour fastness to saliva and perspiration (Cont.)

	24	30	31		LV
Rating	fast	fast	fast		(LV1)

Footnotes	
Leads to failed	**(LV1)** not fast

Additional details for this test

Parameter hints:

Testing method according to OEKO-TEX® STANDARD 100

Result value details:

Rating

The evaluation "fast" confirms the saliva and perspiration fastness of the sample.
The evaluation "not fast" confirms that the sample is not fast to saliva and perspiration.

Emissions of volatile substances

The following results were evaluated against the limit values (LV):

I OEKO-TEX® STANDARD 100 Annex 6 product class I, 04.2025

	14 [mg/m³]	RL [mg/m³]	LV [mg/m³]
4-Vinylcyclohexene	n.d.	< 0.001	< 0.002
4-Phenylcyclohexene	n.d.	< 0.001	< 0.030
1,3-Butadiene	n.d.	< 0.001	-
n-Hexadecane	n.d.	< 0.001	-
Benzene	n.d.	< 0.001	-
o-Xylene	n.d.	< 0.001	-
m-/p-Xylene	n.d.	< 0.002	-
1,2,3-Trimethylbenzene	n.d.	< 0.001	-
1,2,4-Trimethylbenzene	n.d.	< 0.001	-
1,3,5-Trimethylbenzene	n.d.	< 0.001	-
1,2,3,4-Tetramethylbenzene	n.d.	< 0.001	-
1,2,3,5-Tetramethylbenzene	n.d.	< 0.001	-
1,2,4,5-Tetramethylbenzene	n.d.	< 0.001	-
Ethylbenzene	n.d.	< 0.001	-
n-Propylbenzene	n.d.	< 0.001	-
Cumene	n.d.	< 0.001	-
1,3-Diisopropylbenzene	n.d.	< 0.001	-
1,4-Diisopropylbenzene	n.d.	< 0.001	-
n-Butylbenzene	n.d.	< 0.001	-
1-Phenyloctane	n.d.	< 0.001	-
1-Phenyldecane	n.d.	< 0.001	-
Indene	n.d.	< 0.001	-
1-Phenylundecane	n.d.	< 0.001	-
Naphthalene	n.d.	< 0.001	-
4-Isopropyltoluene	n.d.	< 0.001	-
1,2-Ethylmethylbenzene	n.d.	< 0.001	-
cis-1-Propenylbenzene	n.d.	< 0.001	-
trans-1-Propenylbenzene	n.d.	< 0.001	-

	14 [mg/m³]	RL [mg/m³]	LV [mg/m³]
1-Isopropyl-2-methylbenzene	n.d.	< 0.001	-
1-Isopropyl-3-methylbenzene	n.d.	< 0.001	-
Phenylacetylene	n.d.	< 0.001	-
2-Phenyl-1-propene	n.d.	< 0.001	-
2-/3-Methylstyrene	n.d.	< 0.002	-
4-Methylstyrene	n.d.	< 0.001	-
Sum aromatic hydrocarbons	n.d.	-	< 0.300
Organic volatiles	n.d.	< 0.02	< 0.50
Styrene	n.d.	< 0.001	< 0.005
Toluene	n.d.	< 0.001	< 0.100
Vinylchloride	n.d.	< 0.001	-

Additional details for this test

Parameter hints:

Testing method according to OEKO-TEX® STANDARD 100

1,3-Butadiene is only tested for latex and related materials.

Vinylchloride is only tested for PVC and related materials.

Emissions of volatile substances

The following results were evaluated against the limit values (LV):

II OEKO-TEX® STANDARD 100 Annex 6 product class I, 04.2025 - Emissions of volatile substances for latex and related materials

	20 [mg/m³]	**RL** [mg/m³]	**LV** [mg/m³]
4-Vinylcyclohexene	n.d.	< 0.001	< 0.002
4-Phenylcyclohexene	n.d.	< 0.001	< 0.030
1,3-Butadiene	n.d.	< 0.001	≤ 0.002
n-Hexadecane	0.004	< 0.001	-
Benzene	n.d.	< 0.001	-
o-Xylene	n.d.	< 0.001	-
m-/p-Xylene	n.d.	< 0.002	-
1,2,3-Trimethylbenzene	n.d.	< 0.001	-
1,2,4-Trimethylbenzene	n.d.	< 0.001	-
1,3,5-Trimethylbenzene	n.d.	< 0.001	-
1,2,3,4-Tetramethylbenzene	n.d.	< 0.001	-
1,2,3,5-Tetramethylbenzene	n.d.	< 0.001	-
1,2,4,5-Tetramethylbenzene	n.d.	< 0.001	-
Ethylbenzene	n.d.	< 0.001	-
n-Propylbenzene	n.d.	< 0.001	-
Cumene	n.d.	< 0.001	-
1,3-Diisopropylbenzene	n.d.	< 0.001	-
1,4-Diisopropylbenzene	n.d.	< 0.001	-
n-Butylbenzene	n.d.	< 0.001	-
1-Phenyloctane	n.d.	< 0.001	-
1-Phenyldecane	n.d.	< 0.001	-
Indene	n.d.	< 0.001	-
1-Phenylundecane	n.d.	< 0.001	-
Naphthalene	n.d.	< 0.001	-
4-Isopropyltoluene	n.d.	< 0.001	-
1,2-Ethylmethylbenzene	n.d.	< 0.001	-
cis-1-Propenylbenzene	n.d.	< 0.001	-
trans-1-Propenylbenzene	n.d.	< 0.001	-

	20 [mg/m³]	RL [mg/m³]	LV [mg/m³]
1-Isopropyl-2-methylbenzene	n.d.	< 0.001	-
1-Isopropyl-3-methylbenzene	n.d.	< 0.001	-
Phenylacetylene	n.d.	< 0.001	-
2-Phenyl-1-propene	n.d.	< 0.001	-
2-/3-Methylstyrene	n.d.	< 0.002	-
4-Methylstyrene	n.d.	< 0.001	-
Sum aromatic hydrocarbons	n.d.	-	< 0.300
Organic volatiles	0.15	< 0.02	< 0.50
Styrene	n.d.	< 0.001	< 0.005
Toluene	n.d.	< 0.001	< 0.100
Vinylchloride	n.d.	< 0.001	-

Additional details for this test

Parameter hints:

Testing method according to OEKO-TEX® STANDARD 100

1,3-Butadiene is only tested for latex and related materials.

Vinylchloride is only tested for PVC and related materials.

Odour

The following results were evaluated against the limit values (LV):

I OEKO-TEX® STANDARD 100 Annex 6 product class I, 04.2025

	1	LV
The following odour was noticed	No abnormal odour	(LV1)
Footnotes		
Leads to failed	**(LV1)** Abnormal odour	

Odour (Cont.)

	2	LV
The following odour was noticed	No abnormal odour	(LV1)
Footnotes		
Leads to failed	**(LV1)** Abnormal odour	

Odour (Cont.)

	3	LV
The following odour was noticed	No abnormal odour	(LV1)
Footnotes		
Leads to failed	**(LV1)** Abnormal odour	

Odour (Cont.)

	4	LV
The following odour was noticed	No abnormal odour	(LV1)
Footnotes		
Leads to failed	**(LV1)** Abnormal odour	

Odour (Cont.)

	5	LV
The following odour was noticed	No abnormal odour	(LV1)
Footnotes		
Leads to failed	**(LV1)** Abnormal odour	

Odour (Cont.)

	6	LV
The following odour was noticed	No abnormal odour	(LV1)
	Footnotes	
Leads to failed	**(LV1)** Abnormal odour	

Odour (Cont.)

	7	LV
The following odour was noticed	No abnormal odour	(LV1)
	Footnotes	
Leads to failed	**(LV1)** Abnormal odour	

Odour (Cont.)

	8	LV
The following odour was noticed	No abnormal odour	(LV1)
	Footnotes	
Leads to failed	**(LV1)** Abnormal odour	

Odour (Cont.)

	9	LV
The following odour was noticed	No abnormal odour	(LV1)
	Footnotes	
Leads to failed	**(LV1)** Abnormal odour	

Odour (Cont.)

	10	LV
The following odour was noticed	No abnormal odour	(LV1)
	Footnotes	
Leads to failed	**(LV1)** Abnormal odour	

Odour (Cont.)

	11	LV
The following odour was noticed	No abnormal odour	(LV1)

Footnotes	
Leads to failed	**(LV1)** Abnormal odour

Odour (Cont.)

	12	LV
The following odour was noticed	No abnormal odour	(LV1)
Footnotes		
Leads to failed	**(LV1)** Abnormal odour	

Odour (Cont.)

	13	LV
The following odour was noticed	No abnormal odour	(LV1)
Footnotes		
Leads to failed	**(LV1)** Abnormal odour	

Odour (Cont.)

	15	LV
The following odour was noticed	No abnormal odour	(LV1)
Footnotes		
Leads to failed	**(LV1)** Abnormal odour	

Odour (Cont.)

	16	LV
The following odour was noticed	No abnormal odour	(LV1)
Footnotes		
Leads to failed	**(LV1)** Abnormal odour	

Odour (Cont.)

	17	LV
The following odour was noticed	No abnormal odour	(LV1)
Footnotes		
Leads to failed	**(LV1)** Abnormal odour	

Odour (Cont.)

	18	LV
The following odour was noticed	No abnormal odour	(LV1)
	Footnotes	
Leads to failed	**(LV1)** Abnormal odour	

Odour (Cont.)

	19	LV
The following odour was noticed	No abnormal odour	(LV1)
	Footnotes	
Leads to failed	**(LV1)** Abnormal odour	

Odour (Cont.)

	21	LV
The following odour was noticed	No abnormal odour	(LV1)
	Footnotes	
Leads to failed	**(LV1)** Abnormal odour	

Odour (Cont.)

	22	LV
The following odour was noticed	No abnormal odour	(LV1)
	Footnotes	
Leads to failed	**(LV1)** Abnormal odour	

Odour (Cont.)

	23	LV
The following odour was noticed	No abnormal odour	(LV1)
	Footnotes	
Leads to failed	**(LV1)** Abnormal odour	

Odour (Cont.)

	24	LV
The following odour was noticed	No abnormal odour	(LV1)

Footnotes	
Leads to failed	**(LV1)** Abnormal odour

Additional details for this test

Parameter hints:

Testing method according to OEKO-TEX® STANDARD 100

Odour test SNV

The following results were evaluated against the limit values (LV):

I OEKO-TEX® STANDARD 100 Annex 6 product class I, 04.2025

	14	LV
Odour	2	< 3.0

Odour test SNV (Cont.)

	20	LV
Odour	2	< 3.0

Additional details for this test

Parameter hints:

Testing method according to OEKO-TEX® STANDARD 100