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Report no. 26.0040747/1

from 9/24/2026

Order Date	9/22/2026
Period of Testing	9/22/2026 - 9/24/2026

Customer Reference

SKU	117238
Supplier	EK

Aim of Test	**Determination according to legal requirements**
Testing Material	**One sample**
Source of sampling	**The test object was sent to Hohenstein by the client.**

Your Contact Person	Management Contract Team (info@gymbeam.com)
Our Contact Person	Division Softlines (softlines@hohenstein.com)

Report Approval

Alexandra Haga, B. Eng.
Produktspezialistin | Product Specialist Softlines

Katharina Loos
Bereichsleiterin Softlines / Division Manager Softlines

Summary

Passed

Please refer to the test overview for details.

Testing Material

1 Women‘s Fierce Leggings Grey - GymBeam	
Article no.	117238
Color	Gray
Customer information	Collection: Fierce Color: grey Plastics: Internal back label, small logo on outside
Textile labeling article	75 % nylon, 25 % elastane
Components	
1.1 Knitted fabric	Color: Gray Processing area: Main material
1.2 Knitted fabric	Color: Gray Processing area: Insert
1.3 Printing	Color: White
1.4 Tape	Color: Black Processing area: Hip



1 Women‘s Fierce Leggings Grey - GymBeam

Test Overview

1 Women‘s Fierce Leggings Grey - GymBeam		
Alkylphenols and certain alkylphenolethoxylates (APEO)	page 5	✓
Banned azo colorants, cleavable and certain free available arylamines	page 6	✓
Allergenic and carcinogenic colorants	page 8	✓
Bisphenols	page 9	✓
Total content of cadmium	page 10	✓
Extractable heavy metals	page 11	✓
Free and partially releasable formaldehyde in textiles	page 12	✓
Polycyclic aromatic hydrocarbons (PAH)	page 13	✓
Pentachlorophenol (PCP)	page 14	✓
Per- and polyfluoroalkyl substances	page 15	✓
Quinoline	page 18	✓

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List of abbreviations

n.d. = not determined = below Reporting Limit

RL = Reporting limit

LV = Limit value

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Detail Results

Alkylphenols and certain alkylphenolethoxylates (APEO)

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

I Regulation (EC) No 1907/2006 page 19

II Threshold value according to Art. 33 Regulation (EC) No. 1907/2006 and candidate list SVHC page 19

	1.1 [C1] [mg/kg]	1.2 [C1] [mg/kg]	RL [mg/kg]
Nonylphenol (NP)	n.d.	n.d.	< 4.0
Octylphenol (OP)	n.d.	n.d.	< 4.0
Heptylphenol (HpP)	n.d.	n.d.	< 4.0
Pentylphenol (PeP)	n.d.	n.d.	< 4.0
4-tert-Butylphenol (BP)	n.d.	n.d.	< 4.0
Nonylphenolethoxylates (NP(EO))	n.d.	n.d.	< 4.0
Octylphenolethoxylates (OP(EO))	n.d.	n.d.	< 4.0

Footnotes

Composite Samples	**C1**	1.1, 1.2

Additional details for this test

Method(s):

Solvent Extraction; Determination using HPLC-MS/MS
(DIN EN ISO 18254-1:2016-09[A] (Modification: further analytes, extraction temperature; evaluation method) and DIN EN ISO 21084:2019-06[A] (Modification: here only extraction, extraction volume))

Banned azo colorants, cleavable and certain free available arylamines

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

I Regulation (EC) No 1907/2006 page 20

II Threshold value according to Art. 33 Regulation (EC) No. 1907/2006 and candidate list SVHC page 20

	1.1 [C1] [mg/kg]	1.2 [C1] [mg/kg]	RL [mg/kg]
4-Aminobiphenyl	n.d.	n.d.	< 10
Benzidine	n.d.	n.d.	< 10
4-Chloro-o-toluidine/5-Chloro-o-toluidine	n.d.	n.d.	< 10
2-Naphthylamine	n.d.	n.d.	< 10
p-Chloroaniline	n.d.	n.d.	< 10
2,4-Diaminoanisole	n.d.	n.d.	< 10
4,4'-Diaminodiphenylmethane	n.d.	n.d.	< 10
3,3'-Dichlorobenzidine	n.d.	n.d.	< 10
3,3'-Dimethoxybenzidine	n.d.	n.d.	< 10
3,3'-Dimethylbenzidine	n.d.	n.d.	< 10
3,3'-Dimethyl-4,4'-diaminodiphenylmethane	n.d.	n.d.	< 10
p-Cresidine (6-Methoxy-m-toluidine)	n.d.	n.d.	< 10
4,4'-Methylene-bis-(2-chloroaniline)	n.d.	n.d.	< 10
4,4'-Oxydianiline	n.d.	n.d.	< 10
4,4'-Thiodianiline	n.d.	n.d.	< 10
o-Toluidine	n.d.	n.d.	< 10
2,4-Toluylenediamine	n.d.	n.d.	< 10
2,4,5-Trimethylaniline	n.d.	n.d.	< 10
o-Anisidine	n.d.	n.d.	< 10
4-Aminoazobenzene	n.d.	n.d.	< 10

Footnotes

Composite Samples	**C1**	1.1, 1.2

Additional details for this test

Method(s):

Liquid-liquid-extraction after reduction; Determination using HPLC-DAD, HPLC-MS/MS and GC-MS(/MS)

DIN EN ISO 14362-1:2017-05[A] and DIN EN ISO 14362-3:2017-05[A]

Parameter hints:

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

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

2-Naphthylammoniumacetate is detected indirectly by analysis of 2-Naphthylamine.

2,4,5-Trimethylaniline Hydrochloride is detected indirectly by analysis of 2,4,5-Trimethylaniline.

4-Chloro-o-toluidiniumchloride is detected indirectly by analysis of 4-Chloro-o-toluidine.

4-Methoxy-m-phenylendiamine sulfate is detected indirectly by analysis of 2,4-Diaminoanisole.

Further Notes:

If necessary several test methods were carried out.

For aryl amines listed with a concentration of > 30 mg/kg:
It is suggested that the commodity submitted has been manufactured or treated using azo colorant/s, which are proscribed under Regulation (EC) REACH 1907/2006/Annex XVII.

If an aryl amine is listed with a concentration of ≤ 30 mg/kg, this means:
It can not necessarily conclude out of the analysis, that the commodity submitted has been manufactured or treated using azo colorant/s, which are proscribed under Regulation REACH 1907/2006/Annex XVII.

For 4-aminodiphenyl, 2-naphthylamine or 2,4-diaminoanisole:
The use of banned azo colorants cannot be reliably ascertained without additional information, e.g. the chemical structure of the colorants used.

For 4,4‘-diaminodiphenylmethane or 2,4-toluylenediamine:
It is possible, that this arylamine has not been released from a banned azo colorant, but is present in free form or has a different source.

Result value details:

4-Chloro-o-toluidine/5-Chloro-o-toluidine

4-Chloro-o-toluidine and 5-Chloro-o-toluidine are not analytically separable, so that the determined value for both substances must be given combined.

4-Aminoazobenzene

Azo colorants that are able to form 4-aminoazobenzene, generate under the condition of some above mentioned methods aniline and 1,4-phenylenediamine. For the detection of 4-aminoazobenzene therefore additional methods are carried out if necessary.

Allergenic and carcinogenic colorants

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

I Regulation (EC) No 1907/2006 page 21

II Threshold value according to Art. 33 Regulation (EC) No. 1907/2006 and candidate list SVHC page 21

III Derived from BfR-statement No 41/2012 page 21

	1.1 C1 [mg/kg]	1.2 C1 [mg/kg]	RL [mg/kg]
Basic Red 9	n.d.	n.d.	< 10
Disperse Blue 1	n.d.	n.d.	< 10
Basic Blue 26 / Solvent Blue 4	n.d.	n.d.	< 10
Basic Violet 3	n.d.	n.d.	< 10
Solvent Yellow 1 (4-Aminoazobenzol / Anilin Yellow)	n.d.	n.d.	< 10
Solvent Yellow 3 (o-Aminoazotoluene)	n.d.	n.d.	< 10
Basic Violet 1 / 4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol	n.d.	n.d.	< 10
Disperse Blue 106	n.d.	n.d.	< 10
Disperse Orange 37/59/76	n.d.	n.d.	< 10
Disperse Yellow 3	n.d.	n.d.	< 10
Disperse Red 1	n.d.	n.d.	< 10
Disperse Blue 35	n.d.	n.d.	< 10
Disperse Blue 124	n.d.	n.d.	< 10
Disperse Orange 3	n.d.	n.d.	< 10
Michler's ketone	n.d.	n.d.	< 10
Michler's base	n.d.	n.d.	< 10

Footnotes

Composite Samples	**C1**	1.1, 1.2

Additional details for this test

Method(s):

Solvent Extraction; Determination using HPLC-DAD/MS and HPLC-MS/MS (DIN 54231:2022-09[A]; Modification: number of analytes to be determined)

Parameter hints:

For the following substances no concentrations are shown, since no direct quantitation is possible:

Direct Black 38, Direct Red 28, Pigment Red 104, Pigment Yellow 34, Reactive Brown 51

Basic Blue 26 and Solvent Blue 4 are not analytically separable, so that the determined value for both substances must be given combined.

Basic Violet 1 and 4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol are not analytically separable, so that the determined value for both substances must be given combined.

Bisphenols

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

I Threshold value according to Art. 33 Regulation (EC) No. 1907/2006 and candidate list SVHC

	1.1 [C1] [mg/kg]	1.2 [C1] [mg/kg]	RL [mg/kg]	LV [mg/kg]
Bisphenol A	n.d.	n.d.	< 5	≤ 1000
Bisphenol B	n.d.	n.d.	< 5	≤ 1000
Bisphenol S	n.d.	n.d.	< 5	≤ 1000
Bisphenol F	7	7	< 5	≤ 1000
Bisphenol AF	n.d.	n.d.	< 5	≤ 1000
2,2′-Methylenebis(4-methyl-6-tert-butylphenol) (Vulkanox BKF)	n.d.	n.d.	< 50	≤ 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
Acetophenone azine	n.d.	n.d.	< 10	≤ 1000

Footnotes

Composite Samples	**C1**	1.1, 1.2

Additional details for this test

Method(s):

Solvent extraction; Determination using HPLC-MS/MS (In-house method, 3.DEC.0140 [A])

Total content of cadmium

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

I Regulation (EC) No. 1907/2006 - articles produced from plastic page 22

II Threshold value according to Art. 33 Regulation (EC) No. 1907/2006 and candidate list SVHC page 22

	1.3 [mg/kg]	RL [mg/kg]
Cadmium	< 5	< 5

Additional details for this test

Method(s):

Micro wave decomposition (DIN EN 16711-1:2016-02[A]; Modification: numbers of analytes to be determined, sample preparation and digestion methods

CPSC-CH-E1003-09.1 (Paint and other similar surface coatings)

CPSC-CH-E1002-08.3 (Nonmetal children's products)

Determination using ICP/MS (DIN EN ISO 17294-2:2024-12[A])

Extractable heavy metals

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

I Regulation (EC) No 1907/2006 page 23

II Threshold value according to Art. 33 Regulation (EC) No. 1907/2006 and candidate list SVHC page 23

	1.1 [mg/kg]	RL [mg/kg]
Arsenic	n.d.	< 0.10
Lead	n.d.	< 0.10
Cadmium	n.d.	< 0.05

Additional details for this test

Method(s):

Extraction with artificial acid perspiration solution; Determination using ICP-MS (DIN EN 16711-2:2016-02[A] and DIN EN ISO 17294-2:2024-12[A])

Free and partially releasable formaldehyde in textiles

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

I Regulation (EC) No 1907/2006

	1.1 [mg/kg]	RL [mg/kg]	LV [mg/kg]
Formaldehyde	n.d.	< 10	< 75
Additional details for this test			

Method(s):

Qualitative pre-testing by house method

Polycyclic aromatic hydrocarbons (PAH)

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

I Regulation (EC) No 1907/2006 - Clothing, footwear and other textiles page 24

II Threshold value according to Art. 33 Regulation (EC) No. 1907/2006 and candidate list SVHC page 24

	1.4 [mg/kg]	RL [mg/kg]
Anthracene	n.d.	< 0.2
Pyrene	n.d.	< 0.2
Benzo[ghi]perylene	n.d.	< 0.2
Fluoranthene	n.d.	< 0.2
Phenanthrene	n.d.	< 0.2
Benzo[a]pyrene	n.d.	< 0.2
Benzo[b,k,j]fluoranthe...	n.d.	< 0.2
Benzo[e]pyrene	n.d.	< 0.2
Chrysene	n.d.	< 0.2
Dibenzo[a,h]anthracene	n.d.	< 0.2
Benzo[a]anthracene	n.d.	< 0.2
Additional details for this test		

Method(s):

Solvent extraction; Determination using GC-MS/MS (AfPS GS 2019:01 PAK[A])

Pentachlorophenol (PCP)

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

I Regulation (EU) 2019/1021 on persistent organic pollutants page 25

II ChemVerbotsV page 25

	1.1 C1 [mg/kg]	1.2 C1 [mg/kg]	RL [mg/kg]
Pentachlorophenol	n.d.	n.d.	< 0.01

Footnotes

Composite Samples	**C1**	1.1, 1.2

Additional details for this test

Method(s):

KOH-extraction; Determination using GC-MS/MS (DIN EN 17134-2:2023-09[A]; Modification: extraction method)

Per- and polyfluoroalkyl substances

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

I Regulation (EC) No 1907/2006 - Articles page 26
II Regulation (EU) 2019/1021 on persistent organic pollutants page 26
III Threshold value according to Art. 33 Regulation (EC) No. 1907/2006 and candidate list SVHC page 26
IV Code de l'environnement (France) page 26

	1.1 [µg/kg]	RL [µg/kg]
Perfluorooctanoic acid and salts (PFOA)	n.d.	< 10
Perfluorooctane sulfonic acid and sulfonates (PFOS)	n.d.	< 10
Sum PFOS and their salts	n.d.	-
Perfluorooctane sulfonamide (PFOSA)	n.d.	< 10
N-Methyl perfluorooctane sulfonamide (N-Me-FOSA)	n.d.	< 10
N-Ethyl perfluorooctane sulfonamide (N-Et-FOSA)	n.d.	< 10
N-Methyl perfluorooctane sulfonamide ethanol (N-Me-FOSE)	n.d.	< 10
N-Ethyl perfluorooctane sulfonamide ethanol (N-Et-FOSE)	n.d.	< 10
Sum PFOS related substances	n.d.	-
Perfluorohexane sulfonic acid and salts (PFHxS)	n.d.	< 10
Perfluorohexane sulfonamide (PFHxSA)	n.d.	< 10
N-Methyl perfluorohexane sulfonamide (N-Me-PFHxSA)	n.d.	< 10
Sum PFHxS related substances	n.d.	-
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
Sum C9-C14-PFCA	n.d.	-

	1.1 [µg/kg]	RL [µg/kg]
Henicosafluorodecane sulfonic acid and salts (PFDS)	n.d.	< 10
2H,2H,3H,3H-Perfluoroundecanoic acid and salts (4HPFUnA)	n.d.	< 10
1H,1H,2H,2H-Perfluoro-1-decanol (8:2 FTOH)	n.d.	< 20
1H,1H,2H,2H-Perfluorodecane sulfonic acid and salts (8:2 FTS)	n.d.	< 10
2H,2H-Perfluorodecanoic acid and salts (H2PFDA)	n.d.	< 10
Sum PFOA-related substances	n.d.	-
1H,1H,2H,2H-Perfluoro-1-dodecanol (10:2 FTOH)	n.d.	< 20
1H,1H,2H,2H-Perfluoro-1-tetradecanol (12:2 FTOH)	n.d.	< 20
1H,1H,2H,2H-Perfluorododecane sulfonic acid and salts (10:2 FTS)	n.d.	< 10
Sum C9-C14-PFCA related substances	n.d.	-
Perfluorohexanoic acid and salts (PFHxA)	n.d.	< 10
Sum PFHxA and their salts	-	-
1H,1H,2H,2H-Perfluoro-1-octanol (6:2 FTOH)	n.d.	< 20
1H, 1H, 2H, 2H-Perfluorooctane sulfonic acid and salts (6:2 FTS)	n.d.	< 10
Sum PFHxA-related substances	-	-
Perfluoroheptanoic acid and salts (PFHpA)	n.d.	< 10
Perfluorobutane sulfonic acid and salts (PFBS)	n.d.	< 10
1H,1H,2H,2H-Perfluoro-1-hexanol (4:2 FTOH)	n.d.	< 100
7H-Perfluoro heptanoic acid and salts (7HPFHpA)	n.d.	< 10
Perfluoroheptane sulfonic acid and salts (PFHpS)	n.d.	< 10
Perfluorobutanoic acid and salts (PFBA)	n.d.	< 10
Perfluoropentanoic acid and salts (PFPeA)	n.d.	< 10
2,3,3,3-tetrafluoro-2-(heptafluoro propoxy)propionic acid, its salts and ist acyl halides (HFPO-DA)	n.d.	< 10
Nonacosafluoropentadecanoic acid and salts (PFPeDA)	n.d.	< 10
Perfluorohexadecanoic acid and salts (PFHxDA)	n.d.	< 10

	1.1 [µg/kg]	RL [µg/kg]
Perfluorooctadecanoic acid and salts (PFODA)	n.d.	< 10
1H,1H,2H,2H-Perfluorohexane sulfonic acid and salts (4:2 FTS)	n.d.	< 10
Perfluorooctane sulfonamido acetic acid (FOSAA)	n.d.	< 10
N-Methylperfluoro-1-octanesulfonamidoacetic acid (n-Me-FOSAA)	n.d.	< 10
2-(N-Ethylperfluorooctanesulfonamido)acetic acid (n-Et-FOSAA)	n.d.	< 10
Sum of PFAS	n.d.	-

Additional details for this test

Method(s):

PFAS according to DIN EN 17681-1:2025-06[A] (Hydrolysis)

Solvent extraction with alkaline hydrolysis; Determination using HPLC-MS/MS (DIN EN 17681-1:2025-06[A])

Parameter hints:

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

Me-PFOA and Et-PFOA determined as Perfluorooctanoic acid and salts (PFOA).

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

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

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

Result value details:

Sum PFOS and their salts

Sum of PFOS

Sum PFOS related substances

Sum of PFOSA, N-Me-FOSA, N-Et-FOSA, N-Me-FOSE, N-Et-FOSE

Sum PFHxS related substances

Sum of N-Me-FHxSA, PFHxSA

Sum C9-C14-PFCA

Sum of PFNA, PFDA, PFUdA, PFDoA, PFTrDA, PFTeDA, PF-3,7-DMOA

Sum PFOA-related substances

Sum of 8:2 FTOH, 8:2 FTS, H2PFDA

Sum C9-C14-PFCA related substances

Sum of PFDS, 4HPFUnA, 8:2 FTOH, 10:2 FTOH, 12:2 FTOH, 8:2 FTS, 10:2 FTS

Sum PFHxA and their salts

Sum of PFHxA

Sum PFHxA-related substances

Sum of 6:2 FTOH, 6:2 FTS

Quinoline

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

I Regulation (EC) No 1907/2006

	1.1 [C1] [mg/kg]	1.2 [C1] [mg/kg]	RL [mg/kg]	LV [mg/kg]
Quinoline	n.d.	n.d.	< 10	< 50

Footnotes		
Composite Samples	**C1**	1.1, 1.2

Additional details for this test

Method(s):

Solvent Extraction; Determination using GC-MS/MS (DIN 54231:2022-09[A]; Modification: number of analytes to be determined)

Limit value catalogs overview

Alkylphenols and certain alkylphenolethoxylates (APEO)

I Regulation (EC) No 1907/2006
II Threshold value according to Art. 33 Regulation (EC) No. 1907/2006 and candidate list SVHC

	I [mg/kg]	II [mg/kg]
Nonylphenol (NP)	-	≤ 1000.0
Octylphenol (OP)	-	≤ 1000.0
Heptylphenol (HpP)	-	≤ 1000.0
Pentylphenol (PeP)	-	≤ 1000.0
4-tert-Butylphenol (BP)	-	≤ 1000.0
Nonylphenolethoxylates (NP(EO))	< 100.0	≤ 1000.0
Octylphenolethoxylates (OP(EO))	-	≤ 1000.0

Banned azo colorants, cleavable and certain free available arylamines

I Regulation (EC) No 1907/2006

II Threshold value according to Art. 33 Regulation (EC) No. 1907/2006 and candidate list SVHC

	I [mg/kg]	II [mg/kg]
4-Aminobiphenyl	≤ 30	≤ 1000
Benzidine	≤ 30	-
4-Chloro-o-toluidine/5-Chloro-o-toluidine	≤ 30	-
2-Naphthylamine	≤ 30	-
p-Chloroaniline	≤ 30	-
2,4-Diaminoanisole	≤ 30	-
4,4'-Diaminodiphenylmethane	≤ 30	≤ 1000
3,3'-Dichlorobenzidine	≤ 30	-
3,3'-Dimethoxybenzidine	≤ 30	-
3,3'-Dimethylbenzidine	≤ 30	-
3,3´-Dimethyl-4,4´-diaminodiphenylmethane	≤ 30	≤ 1000
p-Cresidine (6-Methoxy-m-toluidine)	≤ 30	≤ 1000
4,4'-Methylene-bis-(2-chloroaniline)	≤ 30	≤ 1000
4,4'-Oxydianiline	≤ 30	≤ 1000
4,4'-Thiodianiline	≤ 30	-
o-Toluidine	≤ 30	≤ 1000
2,4-Toluylenediamine	≤ 30	≤ 1000
2,4,5-Trimethylaniline	≤ 30	-
o-Anisidine	≤ 30	≤ 1000
4-Aminoazobenzene	≤ 30	≤ 1000

Allergenic and carcinogenic colorants

I Regulation (EC) No 1907/2006
II Threshold value according to Art. 33 Regulation (EC) No. 1907/2006 and candidate list SVHC
III Derived from BfR-statement No 41/2012

	I [mg/kg]	**II** [mg/kg]	**III** [mg/kg]
Basic Red 9	< 50	-	-
Disperse Blue 1	< 50	-	< 50
Basic Blue 26 / Solvent Blue 4	-	≤ 1000	-
Basic Violet 3	< 50	≤ 1000	-
Solvent Yellow 1 (4-Aminoazobenzol / Anilin Yellow)	-	≤ 1000	-
Solvent Yellow 3 (o-Aminoazotoluene)	-	≤ 1000	-
Basic Violet 1 / 4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol	-	≤ 1000	-
Disperse Blue 106	-	-	< 50
Disperse Orange 37/59/76	-	-	< 50
Disperse Yellow 3	-	-	< 50
Disperse Red 1	-	-	< 50
Disperse Blue 35	-	-	< 50
Disperse Blue 124	-	-	< 50
Disperse Orange 3	-	-	< 50
Michler's ketone	-	≤ 1000	-
Michler's base	-	≤ 1000	-

Total content of cadmium

I Regulation (EC) No. 1907/2006 - articles produced from plastic

II Threshold value according to Art. 33 Regulation (EC) No. 1907/2006 and candidate list SVHC

	I [mg/kg]	II [mg/kg]
Cadmium	< 100	≤ 1000

Extractable heavy metals

I Regulation (EC) No 1907/2006

II Threshold value according to Art. 33 Regulation (EC) No. 1907/2006 and candidate list SVHC

	I [mg/kg]	II [mg/kg]
Arsenic	< 1.00	-
Lead	< 1.00	≤ 1000.00
Cadmium	< 1.00	≤ 1000.00

Polycyclic aromatic hydrocarbons (PAH)

I Regulation (EC) No 1907/2006 - Clothing, footwear and other textiles
II Threshold value according to Art. 33 Regulation (EC) No. 1907/2006 and candidate list SVHC

	I [mg/kg]	II [mg/kg]
Anthracene	-	≤ 1000.00
Pyrene	-	≤ 1000.00
Benzo[ghi]perylene	-	≤ 1000.00
Fluoranthene	-	≤ 1000.00
Phenanthrene	-	≤ 1000.00
Benzo[a]pyrene	< 1.00	≤ 1000.00
Benzo[b,k,j]fluoranthe...	< 1.00	-
Benzo[e]pyrene	< 1.00	-
Chrysene	< 1.00	≤ 1000.00
Dibenzo[a,h]anthracene	< 1.00	-
Benzo[a]anthracene	< 1.00	≤ 1000.00

Pentachlorophenol (PCP)

I Regulation (EU) 2019/1021 on persistent organic pollutants
II ChemVerbotsV

	I [mg/kg]	II [mg/kg]
Pentachlorophenol	≤ 5.00	≤ 5.00

Per- and polyfluoroalkyl substances

I Regulation (EC) No 1907/2006 - Articles
II Regulation (EU) 2019/1021 on persistent organic pollutants
III Threshold value according to Art. 33 Regulation (EC) No. 1907/2006 and candidate list SVHC
IV Code de l'environnement (France)

	I [µg/kg]	**II** [µg/kg]	**III** [µg/kg]	**IV** [µg/kg]
Perfluorooctanoic acid and salts (PFOA)	-	< 25	-	< 25
Perfluorooctane sulfonic acid and sulfonates (PFOS)	-	-	-	< 25
Sum PFOS and their salts	-	< 25	-	-
Perfluorooctane sulfonamide (PFOSA)	-	-	-	< 25
N-Methyl perfluorooctane sulfonamide (N-Me-FOSA)	-	-	-	< 25
N-Ethyl perfluorooctane sulfonamide (N-Et-FOSA)	-	-	-	< 25
N-Methyl perfluorooctane sulfonamide ethanol (N-Me-FOSE)	-	-	-	< 25
N-Ethyl perfluorooctane sulfonamide ethanol (N-Et-FOSE)	-	-	-	< 25
Sum PFOS related substances	-	< 1000	-	-
Perfluorohexane sulfonic acid and salts (PFHxS)	-	< 25	-	< 25
Perfluorohexane sulfonamide (PFHxSA)	-	-	-	< 25
N-Methyl perfluorohexane sulfonamide (N-Me-PFHxSA)	-	-	-	< 25
Sum PFHxS related substances	-	≤ 1000	-	-
Perfluorononanoic acid and salts (PFNA)	-	-	≤ 1000000	< 25
Perfluorodecanoic acid and salts (PFDA)	-	-	≤ 1000000	< 25
Henicosafluoroundecanoic acid and salts (PFUdA)	-	-	≤ 1000000	< 25
Tricosafluorododecanoic acid and salts (PFDoA)	-	-	≤ 1000000	< 25
Pentacosafluorotridecananoic acid and salts (PFTrDA)	-	-	≤ 1000000	< 25
Heptacosafluorotetradecanoic acid and salts (PFTeDA)	-	-	≤ 1000000	< 25
Perfluoro(3,7-dimethyloctanoic acid) and salts (PF-3,7-DMOA)	-	-	-	< 25
Sum C9-C14-PFCA	< 25	-	-	-

	I [µg/kg]	II [µg/kg]	III [µg/kg]	IV [µg/kg]
Henicosafluorodecane sulfonic acid and salts (PFDS)	-	-	-	< 25
2H,2H,3H,3H-Perfluoroundecanoic acid and salts (4HPFUnA)	-	-	-	< 25
1H,1H,2H,2H-Perfluoro-1-decanol (8:2 FTOH)	-	-	-	< 25
1H,1H,2H,2H-Perfluorodecane sulfonic acid and salts (8:2 FTS)	-	-	-	< 25
2H,2H-Perfluorodecanoic acid and salts (H2PFDA)	-	-	-	-
Sum PFOA-related substances	-	≤ 1000	-	-
1H,1H,2H,2H-Perfluoro-1-dodecanol (10:2 FTOH)	-	-	-	< 25
1H,1H,2H,2H-Perfluoro-1-tetradecanol (12:2 FTOH)	-	-	-	< 25
1H,1H,2H,2H-Perfluorododecane sulfonic acid and salts (10:2 FTS)	-	-	-	< 25
Sum C9-C14-PFCA related substances	≤ 260	-	-	-
Perfluorohexanoic acid and salts (PFHxA)	-	-	-	< 25
Sum PFHxA and their salts	-	-	-	-
1H,1H,2H,2H-Perfluoro-1-octanol (6:2 FTOH)	-	-	-	< 25
1H, 1H, 2H, 2H-Perfluorooctane sulfonic acid and salts (6:2 FTS)	-	-	-	< 25
Sum PFHxA-related substances	-	-	-	-
Perfluoroheptanoic acid and salts (PFHpA)	-	-	≤ 1000000	< 25
Perfluorobutane sulfonic acid and salts (PFBS)	-	-	≤ 1000000	< 25
1H,1H,2H,2H-Perfluoro-1-hexanol (4:2 FTOH)	-	-	-	< 25
7H-Perfluoro heptanoic acid and salts (7HPFHpA)	-	-	-	< 25
Perfluoroheptane sulfonic acid and salts (PFHpS)	-	-	-	< 25
Perfluorobutanoic acid and salts (PFBA)	-	-	-	< 25
Perfluoropentanoic acid and salts (PFPeA)	-	-	-	< 25
2,3,3,3-tetrafluoro-2-(heptafluoro propoxy)propionic acid, its salts and ist acyl halides (HFPO-DA)	-	-	-	< 25
Nonacosafluoropentadecanoic acid and salts (PFPeDA)	-	-	-	< 25
Perfluorohexadecanoic acid and salts (PFHxDA)	-	-	-	< 25

	I [µg/kg]	II [µg/kg]	III [µg/kg]	IV [µg/kg]
Perfluorooctadecanoic acid and salts (PFODA)	-	-	-	< 25
1H,1H,2H,2H-Perfluorohexane sulfonic acid and salts (4:2 FTS)	-	-	-	< 25
Perfluorooctane sulfonamido acetic acid (FOSAA)	-	-	-	< 25
N-Methylperfluoro-1-octanesulfonamidoacetic acid (n-Me-FOSAA)	-	-	-	< 25
2-(N-Ethylperfluorooctanesulfonamido)acetic acid (n-Et-FOSAA)	-	-	-	< 25
Sum of PFAS	-	-	-	< 25