



Test
TS EN ISO/IEC 17025
AB-0342-T

AB-0342-T

144435829

04/26



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Uluslararası Standartlar Sertifikasyon ve Denetim A.Ş.

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Deney Raporu
Test report

Müşterinin adı/adresi
Customer name/address

T.C.TİCARET BAKANLIĞI MARMARA BÖLGE / DIŞ TİC.KOMPLEKSİ D BLOK K:3
ÇOBANÇEŞME MEVKİİ, SANAYİ CAD. YENİBOSNA-İSTANBUL, Türkiye

Alıcı Adı
Buyer name

/(Importer:OZAN IŞIK BMD TEKSTİL)

Sipariş/Artikel Numarası
Order/Article No.

A26572446 TAREKS / Black Socks

Numunenin adı ve tarifi
Name and identity of test item

Black Socks

Numunenin kabul tarihi
Date of receipt of test item

2026-04-16

Açıklamalar
Remarks

The results given in this test report belong to the received sample by vendor.

Proje tarihi
Project date

2026-04-16 to 2026-04-22

Raporun Sayfa Sayısı
Number of pages of the Report

11

Test Kapsamı
Test Scope

Regulation on Import Control of Textile, Apparel & Leather Products
(Product Safety and Control (2026/18) Standard Operation Procedure for
Determination of Total Lead & Total Cadmium & PAHs & Azo Dyes &
Flame Retardants & AP + APEO & DMFu & DOT

Test Sonucu
Test Result

PASS

TÜV Rheinland Uluslararası Standartlar Sertifikasyon ve Denetim A.Ş. accredited by TÜRKAK under registration number AB-0342-T for ISO/IEC 17025-2017 as test laboratory
The Turkish Accreditation Agency (TÜRKAK) is signatory to the multilateral agreements of the European co-operation for the Accreditation (EA) and of the International Laboratory Accreditation (ILAC) for the Mutual recognition of the test reports.
The test and/or measurement results, the uncertainties (if applicable) with confidence probability and test methods are given on the following, pages which are part of this report

Tarih
Date

**CR Assistant Manager &
Project Manager**

Chemical Laboratory Manager

2026-04-22



TÜV Rheinland Uluslararası Standartlar Sertifikasyon ve Denetim A.Ş.

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The results given in this report belong to the received sample by vendor.

This test report shall not be reproduced other than in full except with the permission of the laboratory. Testing reports without signature and seal are not valid.

This test report is signed by digital signature.

TÜV Rheinland testing laboratories apply the Zero Guard band rule for statement of conformity evaluation, unless other decision rule is required by the customer.

Products

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Test Result Summary :**Test Specification:**

- 1 Banned azo dyes
- 2 Organotin Compounds content
- 3 AP + APEO (Alkylphenols, Alkylphenol Ethoxylates)
- 4 Dimethyl fumarate
- 5 Flame Retardants
- 6 Total Lead & Total Cadmium
- 7 Polycyclic aromatic hydrocarbons (PAHs)
- 8 Nickel Release
- 9 Chromium VI

Test result:

PASS
PASS
PASS
PASS
PASS
PASS
PASS
N/A
N/A

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1. Photo



2. List of Materials

Material List:

Material No.	Material	Color	Location
M001	Textile	Black	Main base
M002	Textile + coating	Black-Transparent	Lace w/coating

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1. Banned azo dyes

Test Method: Method 1 - EN ISO 14362-1:2017 (Textiles) (Buffer extraction)
 Method 2 - EN ISO 14362-1:2017 (Textiles) (Xylene extraction)
 Method 3 - ISO 17234-1:2024 (Leather)
 Method 4 - EN ISO 14362-3:2017 (Textile, 4-aminoazobenzene confirmation)
 Method 5 - ISO 17234-2:2011 (Leather, 4-aminoazobenzene confirmation)

Test Results:

		Material No.				M001 + M002
		Test No.				T001-2
		Method No.				Method 2
		A22 Confirmation Method No.				--
ID	Test Parameter	CAS NO	Unit	RL	Regulatory Requirement	Result
A1	4-Aminobiphenyl	92-67-1	mg/kg	5	30	n.d.
A2	Benzidine	92-87-5	mg/kg	5	30	n.d.
A3	4-Chloro-o-toluidine	95-69-2	mg/kg	5	30	n.d.
A4	2-Naphthylamine	91-59-8	mg/kg	5	30	n.d.
A5*	o-Aminoazotoluene	97-56-3	mg/kg	5	30	n.d.
A6*	5-nitro-o-toluidine / 2-Amino-4-nitrotoluene	99-55-8	mg/kg	5	30	n.d.
A7	4-Chloroaniline	106-47-8	mg/kg	5	30	n.d.
A8	4-methoxy-m-phenylenediamine / 2,4-Diaminoanisole	615-05-4	mg/kg	5	30	n.d.
A9	4,4'-Diaminodiphenylmethane	101-77-9	mg/kg	5	30	n.d.
A10	3,3'-Dichlorobenzidine	91-94-1	mg/kg	5	30	n.d.
A11	3,3'-Dimethoxybenzidine	119-90-4	mg/kg	5	30	n.d.
A12	3,3'-Dimethylbenzidine	119-93-7	mg/kg	5	30	n.d.
A13	4,4'-methylenedi-o-toluidine / 3,3'-Dimethyl-4,4'-diaminodiphenylmethane	838-88-0	mg/kg	5	30	n.d.
A14	p-Cresidine	120-71-8	mg/kg	5	30	n.d.
A15	4,4'-Methylene-bis-(2-chloroaniline)	101-14-4	mg/kg	5	30	n.d.
A16	4,4'-Oxydianiline	101-80-4	mg/kg	5	30	n.d.
A17	4,4'-Thiodianiline	139-65-1	mg/kg	5	30	n.d.
A18	o-Toluidine	95-53-4	mg/kg	5	30	n.d.
A19	4-methyl-m-phenylenediamine / 2,4-Toluylenediamine	95-80-7	mg/kg	5	30	n.d.
A20	2,4,5-Trimethylaniline	137-17-7	mg/kg	5	30	n.d.
A21	O-Anisidine	90-04-0	mg/kg	5	30	n.d.
A22**	4-Aminoazobenzene	60-09-3	mg/kg	5	30	n.d.
A23^	2,4-xylidine	95-68-1	mg/kg	5	30	n.d.
A24^	2,6-xylidine	87-62-7	mg/kg	5	30	n.d.

Abbreviation: < = less than
 RL = Reporting Limit
 mg/kg = milligram per kilogram

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Remark:

- * The CAS-number 97-56-3 (A5) and 99-55-8 (A6) are further reduced to CAS-number 95-53-4 (A18) and 95-80-7 (A19).
- ** Azo colorants that are able to form 4-aminoazobenzene (A22) CAS-number 60-09-3, generate under the condition of this method Aniline (CAS-number 62-53-3) and 1,4-phenylenediamine (CAS-number 106-50-3.)
- *** Azo colorants that are able to form 4-aminoazobenzene (A22), is confirmed by EN ISO 14362-3:2017 / ISO 17234-2:2011.
- **** Azo colorants are detected & quantified by GC/MS and confirmed by HPLC/DAD or HPLC/MSMS.
- *1 Azo colorants A1 - A22 being tested according to REACH regulation (EC) No. 1907/2006 and amendment no. 552/2009 Annex XVII Item 43 (formerly known as 2002/61/EC)

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2. Organotin Compounds content

Test Method: Organic solvent extraction, GCMS
ISO / TS 16179(2012)

Test Result:

Test No.				T001
Material No.				M001 + M002
Test Parameter	Unit	RL	Regulatory Requirement	Result
DOT (Diocetyltn)	%	0.01	0.1	n.d.

Abbreviation: < = less than
RL = Reporting Limit
mg/kg = milligram per kilogram

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3.AP + APEO (Alkylphenols, Alkylphenol Ethoxylates)

Test Method: ISO 18254-1:2016
NP and OP: Organic solvent extraction, GCMS
NPEO and OPEO: Organic solvent extraction, LC-MS

Test Result:

Test No.	Material No.	Test Parameter	Unit	RL	Regulatory Requirement	Test Result
T001	M001 + M002	Nonylphenols (NP)	%	0.00 1	0.01	n.d.
		Octylphenols (OP)	%	0.00 1	0.01	n.d.
		Nonylphenoethoxylates (NPEO)	%	0.00 1	0.01	n.d.
		Octylphenoethoxylates (OPEO)	%	0.00 1	0.01	n.d.

Abbreviation: n.d. = not detected (< Reporting Limit)
RL = Reporting Limit
mg/kg = milligram per kilogram
NA = Not Applicable

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4.Dimethyl fumarate

Test Method: Organic solvent extraction, GCMS analysis

Test Result:

Test No.	Material No.	Test Parameter	Unit	RL	Regulatory Requirement	Test Result
T001	M001 + M002	Dimethyl fumarate	mg/kg	0.025	0.1	n.d.

Abbreviation: < = less than
RL = Reporting Limit
mg/kg = milligram per kilogram

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5. Flame Retardants**Test Method:** Organic solvent extraction, analyzed by GCMS & LCMS**Test Result:**

Test No.					T001
Material No.					M001 + M002
Test Parameter	CAS NO	Unit	RL	Regulatory Requirement	Result
Octabromodiphenyl ether (OctaBDE)	32536-52-0	mg/kg	0.01	<1000	n.d.
Polybrominated Biphenyls (PBBs)	59536-65-1	mg/kg	0.01	Not permitted	n.d.
Tris-(2,3-dibromopropyl) phosphate (TRIS)	126-72-7	mg/kg	0.01	Not permitted	n.d.
Tris-azirdinyl phosphine oxide (TEPA)	545-55-1	mg/kg	0.01	Not permitted	n.d.

Abbreviation: < = less than
RL = Reporting Limit
mg/kg = milligram per kilogram

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6.Total Lead & Total Cadmium

Test Method: Acid digestion, analyzed by ICP-MS

Test Result:

Test No.	Material No.	Test Parameter	Unit	RL	Regulatory Requirement	Test Result
T001	M002	Lead	%	0.001	0.05	n.d.
		Cadmium	%	0.001	0.01	n.d.

Abbreviation: n.d. = not detected (< Reporting Limit)
RL = Reporting Limit
ppm = parts per million
mg/kg = milligram per kilogram

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7. Polycyclic aromatic hydrocarbons (PAHs)

Test Method: AfPS GS 2019:01 PAK

Test Result:

Test No.				T001
Material No.				M002
Test Parameter	CAS NO	Unit	RL	Result
Benzo[a]anthracene	56-55-3	mg/kg	0.1	n.d.
Benzo[a]pyrene(BaP)	50-32-8	mg/kg	0.1	n.d.
Benzo[b]fluoranthene	205-99-2	mg/kg	0.1	n.d.
Benzo[k]fluoranthene	207-08-9	mg/kg	0.1	n.d.
Benzo[j]fluoranthene	205-82-3	mg/kg	0.1	n.d.
Benzo[e]pyrene	192-97-2	mg/kg	0.1	n.d.
Chrysene	218-01-9	mg/kg	0.1	n.d.
Dibenzo[a,h]anthracene	53-70-3	mg/kg	0.1	n.d.

Abbreviation: < = less than
RL = Reporting Limit
NA = Not Applicable
mg/kg = milligram per kilogram

Remark:

- * Limit for each single and total PAHs: 0,5 mg/kg
- ** Single components with an amount of <0.1 mg/kg were not considered by the calculation of the sum. In the case of all 8 PAHs were not detected, the result is stated < RL

- END -