

**EKOTEKS****EKOTEKS LABORATUVAR ve GÖZETİM
HİZMETLERİ A.Ş.**Esenyurt Firuzköy Bulvarı No:29 34325 Avcılar
İstanbul / TÜRKİYE

Test
TS EN ISO/IEC 17025
AB-0583-T
AB-0583-T
2500028477
11.25

**TEST REPORT
DENEY RAPORU****Report Nr / Revision Nr :**

2500028478

Customer name :GENTUG TEKSTİL ÜRÜNLERİ SAN VE TIC
KERESTECİLER SİT SAVAS CAD SÖGÜT SOK NO1
MERTER / İSTANBUL**Applicant Address :**

-

Buyer name :

-

Contact Person :

30.10.2025

Sample Accepted on :

-

Re-submitted/re-confirmation date

-

Date of test:

31.10.2025 / 12.11.2025

Fiber Composition :

Claimed to be :%60RECYLED POLYESTER PET %100PES

Sample Description :

01 – BLACK FELT

Order No :

AKUSTİK PLAKA

Model Number :

ARKETA 2400 12MM

Previous Report No :

-

Sampling :

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

End use :

-

Care label :

-

Decision Rule :

-

Disclaimer Statement :

-

Conformity Assessment :

-

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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.

Seal

Date

12.11.2025

Customer Representative

ZAHIDE TAPAN

Laboratory Manager

Sevim A. RAZAK

12.11.2025



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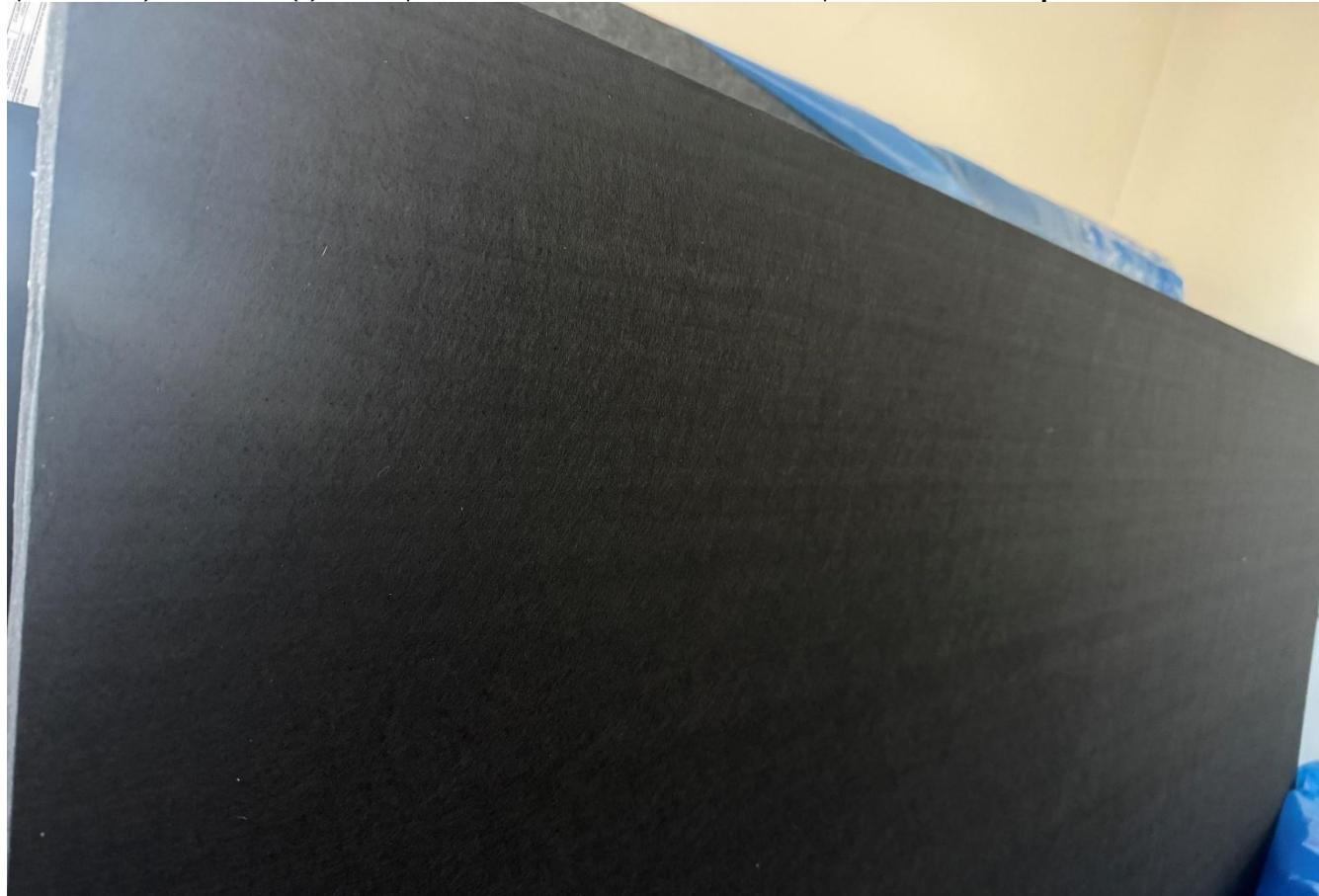
**EKOTEKS LABORATUVAR ve GÖZETİM
HİZMETLERİ A.Ş.**

AB-0583-T
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TEST RESULTS

TEST	METHOD	EVALUATION
Measurement of Thermal and Water-vapour Resistance Under Steady-state Conditions	ISO 11092:2014: MADDE 7.3	-
Determination of Formaldehyde	ISO 14184-1:2011	-
Determination of Volatile Organic Compounds (VOC)	ISLETME ICI METOT-EKOTEKS 54 (TPE-74 Rev. No:06 - FULL BILESEN)	-

REMARK: Original samples are kept for 3 months and all technical records are kept for 5 years unless otherwise specified. If requested, measurement uncertainty will be reported. But unless otherwise specified, measurement uncertainty is not considered while stating compliance with specification or limit values. The reported uncertainty is based on a standard uncertainty multiplied by a coverage factor $k=2$, providing a level of confidence of approximately 95%. The declaration of conformity was given in accordance with the Simple Acceptance Decision Rule. (without considering the level of confidence and measurement uncertainty, evaluation of suitability or non-conformity based on whether the test result obtained is only within the specified limits) Tests marked (*) in this report are not included in the accreditation scope. **Photo of the sample received**



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11.25

TEST RESULTS

Sample ID	Part No.	Part ID	Explanatory Information
A KEÇE-FELT - ARKETA 2400 12MM - SIYAH-BLACK	1	BLACK FELT	

Summary of Results

Parts	Parts & Results														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
DETERMINATION OF FORMALDEHYDE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VOLATILE ORGANIC COMPOUNDS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

P Pass

F Fail

LS Lack of sample.

NA Not applicable

R Refer to retailer technologist

**EKOTEKS LABORATUVAR ve GÖZETİM
HİZMETLERİ A.Ş.**

AB-0583-T
2500028477
11.25

TEST RESULTS

DETERMINATION OF FORMALDEHYDE

Determination of Formaldehyde

ISO 14184-1:2011

Formaldehyde is extracted from a textile sample with distilled water and the amount of formaldehyde released in the water is determined colorimetrically using UV-VIS spectrophotometer at the wavelength of 412 nm.

Tested Parts	RESULT (MG/KG)	REQUIREMENT (MG/KG)	Evaluation
1	N.D	-	-

Formaldehit (Cas No:50-00-0)

N.D : Not detected

Total Uncertainty:%14,2

VOLATILE ORGANIC COMPOUNDS

Determination of Volatile Organic Compounds (VOC)

ISLETME ICI METOT-EKOTEKS 54 (TPE-74 Rev. No:06 - FULL BILESEN)

The quantitative amount of volatile organic compounds in the sample is determined using GC-MS Headspace instrument.

Tested Parts	Result (ppm)	Limit Value (ppm)	Evaluation
1	N.D	-	-

Benzene (Cas No 71-43-2)	Phenol (Cas No 108-95-2)	Toluene (Cas No 108-88-3)
Trichloroethylene (Cas No 79-01-6)	1,1,2,2-Tetrachloroethane (Cas No 79-34-5)	
Tetrachloroethylene (Cas No 127-18-4)	1,1,1,2-Tetrachloroethane (Cas No 630-20-6)	
o-Xylene (Cas No 95-47-6)	m-Xylene (Cas No 108-38-3)	p-Xylene (Cas No 106-42-3)
o-Cresol (Cas No 95-48-7)	m-Cresol (Cas No 108-39-4)	p-Cresol (Cas No 106-44-5)
Dichloromethane (Cas No 75-09-2)	Styrene (Cas No 100-42-5)	Vinylcyclohexene (Cas No 100-40-3)
4-Phenylcyclohexene (Cas No 4994-16-5)	1-Methyl-2-pyrolidone (Cas No 872-50-4)	
Dimethylformamide (Cas No 68-12-2)	N,N-Dimethylacetamide	Cas No 127-19-5
VinylChloride (Cas No 75-01-4)		

ND:Not detected

Total Uncertainty:%21,9

**EKOTEKS LABORATUVAR ve GÖZETİM
HİZMETLERİ A.Ş.**

AB-0583-T
2500028477
11.25

TEST RESULTS

SPECIMEN DESCRIPTION : / FELT

THERMAL RESISTANCE

ISO 11092:2014:MADDE 7.3

Measurement of Thermal and Water-vapour Resistance Under Steady-state Conditions

Sweating Guarded Hot Plate Test Machine / SDL ATLAS

Air Temperature : 20°C, Relative Humidity : % 65 / At least 12 hours

Measuring Unit Temperature : 35°C

Air Temperature: 20°C

Relative Humidity : % 65

Air Speed : 1 m/s

Parameters	RESULT (m ² K/W)	Thermal λ (W/m·K)	Requirement	
Test 1	0,2431	-	-	-
Test 2	0,2257	-	-	-
Test 3	0,2417	-	-	-
Average Rct Value	0,2369	0,0507	-	-

Measuring unit temperature : 35 °C

Air Temperature : 20 °C

Relative humidity (%) : 65

Air Speed : 1 m/s

Number Of Samples Tested :: 3

Tested Surface :: Front

Sample size tested (cm) : 48x48

Total Uncertainty: ± 8.8% for thermal resistance

± 8.7% for water vapor permeability



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Esenyurt Firuzköy Bulvarı No:29 34325 Avcılar
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EKOTEKS

TEST REPORT DENEY RAPORU

AB-0583-T
2500028478
11.25

Report Nr / Revision Nr :

2500028478

Customer name :

GENTUG TEKSTİL ÜRÜNLERİ SAN VE TIC
KERESTECİLER SİT SAVAS CAD SÖGÜT SOK NO1
MERTER / İSTANBUL

Applicant Address :

-

Buyer name :

-

Contact Person :

30.10.2025

Sample Accepted on :

-

Re-submitted/re-confirmation date

-

Date of test:

31.10.2025 / 12.11.2025

Fiber Composition :

Claimed to be :%60RECYLED POLYESTER PET %100PES

Sample Description :

01 – BLACK FELT

Order No :

AKUSTİK PLAKA

Model Number :

ARKETA 3000 18MM

Previous Report No :

-

Sampling :

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

End use :

-

Care label :

-

Decision Rule :

-

Disclaimer Statement :

-

Conformity Assessment :

-

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12.11.2025

Customer Representative

ZAHIDE TAPAN

Laboratory Manager

Sevim A. RAZAK

12.11.2025



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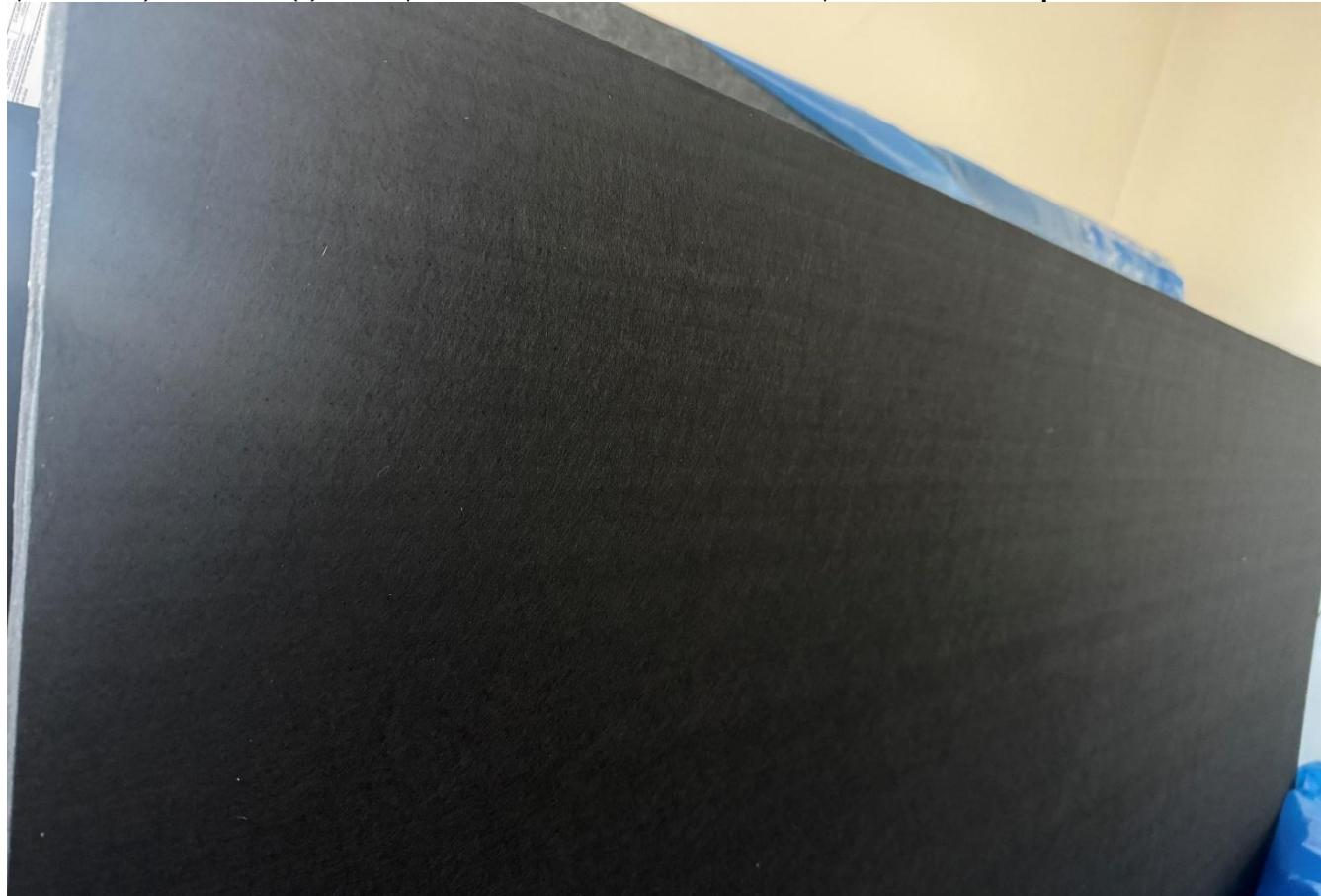
**EKOTEKS LABORATUVAR ve GÖZETİM
HİZMETLERİ A.Ş.**

AB-0583-T
2500028478
11.25

TEST RESULTS

TEST	METHOD	EVALUATION
Measurement of Thermal and Water-vapour Resistance Under Steady-state Conditions	ISO 11092:2014: MADDE 7.3	-
Determination of Formaldehyde	ISO 14184-1:2011	-
Determination of Volatile Organic Compounds (VOC)	ISLETME ICI METOT-EKOTEKS 54 (TPE-74 Rev. No:06 - FULL BILESEN)	-

REMARK: Original samples are kept for 3 months and all technical records are kept for 5 years unless otherwise specified. If requested, measurement uncertainty will be reported. But unless otherwise specified, measurement uncertainty is not considered while stating compliance with specification or limit values. The reported uncertainty is based on a standard uncertainty multiplied by a coverage factor $k=2$, providing a level of confidence of approximately 95%. The declaration of conformity was given in accordance with the Simple Acceptance Decision Rule. (without considering the level of confidence and measurement uncertainty, evaluation of suitability or non-conformity based on whether the test result obtained is only within the specified limits) Tests marked (*) in this report are not included in the accreditation scope. **Photo of the sample received**



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11.25

TEST RESULTS

Sample ID	Part No.	Part ID	Explanatory Information
A KEÇE-FELT - ARKETA 3000 18MM - SIYAH-BLACK	1	BLACK FELT	

Summary of Results

Parts	Parts & Results														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
DETERMINATION OF FORMALDEHYDE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VOLATILE ORGANIC COMPOUNDS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

P Pass

F Fail

LS Lack of sample.

NA Not applicable

R Refer to retailer technologist

**EKOTEKS LABORATUVAR ve GÖZETİM
HİZMETLERİ A.Ş.**

AB-0583-T
2500028478
11.25

TEST RESULTS

DETERMINATION OF FORMALDEHYDE

Determination of Formaldehyde

ISO 14184-1:2011

Formaldehyde is extracted from a textile sample with distilled water and the amount of formaldehyde released in the water is determined colorimetrically using UV-VIS spectrophotometer at the wavelength of 412 nm.

Tested Parts	RESULT (MG/KG)	REQUIREMENT (MG/KG)	Evaluation
1	N.D	-	-

Formaldehit (Cas No:50-00-0)

N.D : Not detected

Total Uncertainty:%14,2

VOLATILE ORGANIC COMPOUNDS

Determination of Volatile Organic Compounds (VOC)

ISLETME ICI METOT-EKOTEKS 54 (TPE-74 Rev. No:06 - FULL BILESEN)

The quantitative amount of volatile organic compounds in the sample is determined using GC-MS Headspace instrument.

Tested Parts	Result (ppm)	Limit Value (ppm)	Evaluation
1	N.D	-	-

Benzene (Cas No 71-43-2)	Phenol (Cas No 108-95-2)	Toluene (Cas No 108-88-3)
Trichloroethylene (Cas No 79-01-6)	1,1,2,2-Tetrachloroethane (Cas No 79-34-5)	
Tetrachloroethylene (Cas No 127-18-4)	1,1,1,2-Tetrachloroethane (Cas No 630-20-6)	
o-Xylene (Cas No 95-47-6)	m-Xylene (Cas No 108-38-3)	p-Xylene (Cas No 106-42-3)
o-Cresol (Cas No 95-48-7)	m-Cresol (Cas No 108-39-4)	p-Cresol (Cas No 106-44-5)
Dichloromethane (Cas No 75-09-2)	Styrene (Cas No 100-42-5)	Vinylcyclohexene (Cas No 100-40-3)
4-Phenylcyclohexene (Cas No 4994-16-5)	1-Methyl-2-pyrolidone (Cas No 872-50-4)	
Dimethylformamide (Cas No 68-12-2)	N,N-Dimethylacetamide	Cas No 127-19-5
VinylChloride (Cas No 75-01-4)		

ND:Not detected

Total Uncertainty:%21,9

**EKOTEKS LABORATUVAR ve GÖZETİM
HİZMETLERİ A.Ş.**

AB-0583-T
2500028478
11.25

TEST RESULTS

SPECIMEN DESCRIPTION : / FELT

THERMAL RESISTANCE

ISO 11092:2014:MADDE 7.3

Measurement of Thermal and Water-vapour Resistance Under Steady-state Conditions

Sweating Guarded Hot Plate Test Machine / SDL ATLAS

Air Temperature : 20°C, Relative Humidity : % 65 / At least 12 hours

Measuring Unit Temperature : 35°C

Air Temperature: 20°C

Relative Humidity : % 65

Air Speed : 1 m/s

Parameters	RESULT (m ² K/W)	Thermal λ (W/m·K)	Requirement	
Test 1	0,4155	-	-	-
Test 2	0,4497	-	-	-
Test 3	0,3945	-	-	-
Average Rct Value	0,4199	0,0429	-	-

Measuring unit temperature : 35 °C

Air Temperature : 20 °C

Relative humidity (%) : 65

Air Speed : 1 m/s

Number Of Samples Tested :: 3

Tested Surface :: Front

Sample size tested (cm) : 48x48

Total Uncertainty: ± 8.8% for thermal resistance

± 8.7% for water vapor permeability



EKOTEKS

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HİZMETLERİ A.Ş.**

Esenyurt Firuzköy Bulvarı No:29 34325 Avcılar
İstanbul / TÜRKİYE



**TEST REPORT
DENEY RAPORU**

AB-0583-T
2500028474
11.25

Report Nr / Revision Nr :

2500028474

Customer name :

GENTUG TEKSTİL ÜRÜNLERİ SAN VE TIC
KERESTECİLER SİT SAVAS CAD SÖGÜT SOK NO1
MERTER / İSTANBUL

Applicant Address :

-

Buyer name :

-

Contact Person :

30.10.2025

Sample Accepted on :

-

Re-submitted/re-confirmation date

-

Date of test:

31.10.2025 / 12.11.2025

Fiber Composition :

Claimed to be :%60RECYLED POLYESTER PET %100PES

Sample Description :

01 – BLACK FELT

Order No :

AKUSTİK PLAKA

Model Number :

ARKETA 3700 24MM

Previous Report No :

-

Sampling :

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

End use :

-

Care label :

-

Decision Rule :

-

Disclaimer Statement :

-

Conformity Assessment :

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12.11.2025

Customer Representative

ZAHIDE TAPAN

Laboratory Manager

Sevim A. RAZAK

12.11.2025



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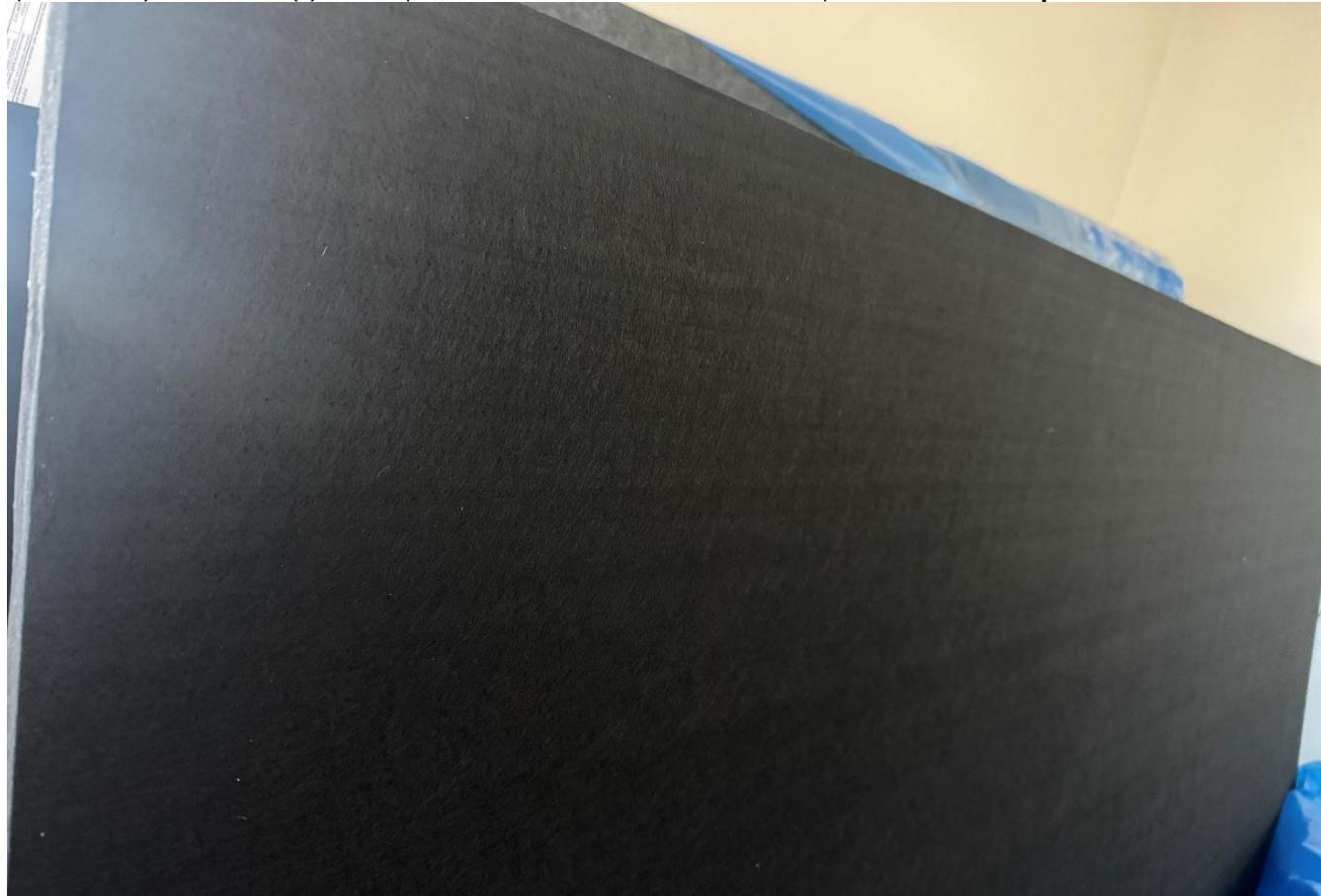
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HİZMETLERİ A.Ş.**

AB-0583-T
2500028474
11.25

TEST RESULTS

TEST	METHOD	EVALUATION
Measurement of Thermal and Water-vapour Resistance Under Steady-state Conditions	ISO 11092:2014: MADDE 7.3	-
Determination of Formaldehyde	ISO 14184-1:2011	-
Determination of Volatile Organic Compounds (VOC)	ISLETME ICI METOT-EKOTEKS 54 (TPE-74 Rev. No:06 - FULL BILESEN)	-

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HİZMETLERİ A.Ş.**

AB-0583-T
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11.25

TEST RESULTS

Sample ID	Part No.	Part ID	Explanatory Information
A KEÇE-FELT - ARKETA 3700 24MM - SIYAH-BLACK	1	BLACK FELT	

Summary of Results

Parts	Parts & Results														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
DETERMINATION OF FORMALDEHYDE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VOLATILE ORGANIC COMPOUNDS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

P Pass

F Fail

LS Lack of sample.

NA Not applicable

R Refer to retailer technologist

**EKOTEKS LABORATUVAR ve GÖZETİM
HİZMETLERİ A.Ş.**

AB-0583-T
2500028474
11.25

TEST RESULTS

DETERMINATION OF FORMALDEHYDE

Determination of Formaldehyde

ISO 14184-1:2011

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Tested Parts	RESULT (MG/KG)	REQUIREMENT (MG/KG)	Evaluation
1	N.D	-	-

Formaldehit (Cas No:50-00-0)

N.D : Not detected

Total Uncertainty:%14,2

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Determination of Volatile Organic Compounds (VOC)

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Tested Parts	Result (ppm)	Limit Value (ppm)	Evaluation
1	N.D	-	-

Benzene (Cas No 71-43-2)	Phenol (Cas No 108-95-2)	Toluene (Cas No 108-88-3)
Trichloroethylene (Cas No 79-01-6)	1,1,2,2-Tetrachloroethane (Cas No 79-34-5)	
Tetrachloroethylene (Cas No 127-18-4)	1,1,1,2-Tetrachloroethane (Cas No 630-20-6)	
o-Xylene (Cas No 95-47-6)	m-Xylene (Cas No 108-38-3)	p-Xylene (Cas No 106-42-3)
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Dichloromethane (Cas No 75-09-2)	Styrene (Cas No 100-42-5)	Vinylcyclohexene (Cas No 100-40-3)
4-Phenylcyclohexene (Cas No 4994-16-5)	1-Methyl-2-pyrolidone (Cas No 872-50-4)	
Dimethylformamide (Cas No 68-12-2)	N,N-Dimethylacetamide	Cas No 127-19-5
VinylChloride (Cas No 75-01-4)		

ND:Not detected

Total Uncertainty:%21,9

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HİZMETLERİ A.Ş.**

AB-0583-T
2500028474
11.25

TEST RESULTS

SPECIMEN DESCRIPTION : / FELT

THERMAL RESISTANCE

ISO 11092:2014:MADDE 7.3

Measurement of Thermal and Water-vapour Resistance Under Steady-state Conditions

Sweating Guarded Hot Plate Test Machine / SDL ATLAS

Air Temperature : 20°C, Relative Humidity : % 65 / At least 12 hours

Measuring Unit Temperature : 35°C

Air Temperature: 20°C

Relative Humidity : % 65

Air Speed : 1 m/s

Parameters	RESULT (m ² K/W)	Thermal λ (W/m·K)	Requirement	
Test 1	0,6574	-	-	-
Test 2	0,5551	-	-	-
Test 3	0,5385	-	-	-
Average Rct Value	0,5837	0.0411	-	-

Measuring unit temperature : 35 °C

Air Temperature : 20 °C

Relative humidity (%) : 65

Air Speed : 1 m/s

Number Of Samples Tested :: 3

Tested Surface :: Front

Sample size tested (cm) : 48x48

Total Uncertainty: ± 8.8% for thermal resistance

± 8.7% for water vapor permeability



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Esenyurt Fırtızköy Bulvarı No:29 34325 Avcılar
İstanbul/ TÜRKİYE



TEST REPORT
DENEY RAPORU

AB-0583-T
24008033- Add-RER
04-24

Gen.136-2/04

Customer name: GENTÜĞ TEKSTİL A.Ş.
Address: Savaş Cad. Söğüt Sok. No:1 34010, Merter/İSTANBUL
Buyer name: -
Contact Person: HASAN ERGENEKONLU
Article No: ARKETA
Name and identity of test item: One sample of grey panel. (Claimed to be: 1100 g / LIGHT GREY-MARL WHITE / %100 Polyester (%65 recycle))
The date of receipt of test item: 27.03.2024
Re-submitted/re-confirmation date: -
Date of test: 27.03.2024-17.04.2024
Remarks: -
Sampling: The results given in this report belong to the received sample by vendor.

End-Use: -

Care Label: -

Number of pages of the report: 5

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Date:
29.04.2024

Customer Representative:
Bükeç ÇANAK

Head of Testing Laboratory:
Sevim A. RAZAK
29.04.2024

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**EKOTEKS LABORATUVAR ve GÖZETİM
HİZMETLERİ A.Ş.**

AB-0583-T
24008033- Add-RER
04-24

REQUIRED TESTS	EVALUATION	COMMENTS
ECOLOCIGAL TESTS	-	
Volatile Organic Compounds	-	
Formaldehyde	-	
PHYSICAL PROPERTIES TESTS	-	
Determination Of Density	-	
Thermal Resistance ⁽¹⁾	-	
COLOUR FASTNESS TESTS	-	
Colour Fastness To Light	-	
No requirement was given by vendor		

⁽¹⁾ This report was reissued to add test result

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Note: The report issued on 24.04.2024 with the report number 24008033-ADD was withdrawn and replaced with the report 24008033-ADD-RER issued on 29.04.2024 due to arrange test details on thermal resistance

**EKOTEKS LABORATUVAR ve GÖZETİM
HİZMETLERİ A.Ş.**

AB-0583-T
24008033- Add-RER
04-24

TEST RESULTS

VOLATILE ORGANIC COMPOUNDS ; EKOTEKS 54

The quantitative amount of volatile organic compounds in the sample is determined using GC-MS Headspace instrument.

	<u>CAS NO</u>	<u>RESULT</u>	<u>REQUIREMENT</u>
Benzene	71-43-2	N.D. ⁽¹⁾	-
Phenol	108-95-2	N.D. ⁽¹⁾	-
Toluene	108-88-3	N.D. ⁽¹⁾	-
Trichloroethylene	79-01-6	N.D. ⁽¹⁾	-
Tetrachloroethylene	127-18-4	N.D. ⁽¹⁾	-
1,1,1,2-Tetrachloroethane	630-20-6	N.D. ⁽¹⁾	-
1,1,2,2-Tetrachloroethane	79-34-5	N.D. ⁽¹⁾	-
o-Xylene	95-47-6	N.D. ⁽¹⁾	-
m-Xylene	108-38-3	N.D. ⁽¹⁾	-
p-Xylene	106-42-3	N.D. ⁽¹⁾	-
o-Cresol	95-48-7	N.D. ⁽¹⁾	--
m-Cresol	108-39-4	N.D. ⁽¹⁾	-
p-Cresol	106-44-5	N.D. ⁽¹⁾	-
Dichloromethane	75-09-2	N.D. ⁽¹⁾	-
Styrene	100-42-5	N.D. ⁽¹⁾	-
Vinylcyclohexene	100-40-3	N.D. ⁽¹⁾	-
4-Phenylcyclohexene	4994-16-5	N.D. ⁽¹⁾	-
1-Methyl-2-pyridolide	872-50-4	N.D. ⁽¹⁾	-
N,N-Dimethylacetamide	127-19-5	N.D. ⁽¹⁾	--
Dimethylformamide	68-12-2	5,35 mg/kg	-
VinylChloride	75-01-4	N.D. ⁽¹⁾	-

N.D.⁽¹⁾<LOD

Total Uncertainty (%) : 22,3%

FORMALDEHYDE; ISO 14184-1:2011

Formaldehyde is extracted from a textile sample with distilled water and the amount of formaldehyde released in the water is determined colorimetrically using UV-VIS spectrophotometer at the wavelength of 412 nm.

	<u>CAS NO</u>	<u>RESULT</u>	<u>REQUIREMENT</u>
Formaldehit	50-00-0	N.D. ⁽¹⁾	-

N.D.⁽¹⁾<LOD

Total Uncertainty (%) %12,8

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TEST RESULTS

THERMAL RESISTANCE : ISO 11092:2014

Gen.F136-2/04

Equipment :	Sweating Guarded Hot Plate Test Machine / SDI. ATLAS	
Conditioning/Time :	Air Temperature : 20°C, Relative Humidity : % 65 / At least 12 hours	
Test Conditions :	Measuring Unit Temperature : 35°C	
	Air Temperature: 20°C	
	Relative Humidity : % 65	
	Air Speed : 1 m/s	
Test conditions measured during the test:	Measuring Unit Temperature : 35°C	
	Air Temperature: 20°C	
	Relative Humidity : %65	
	Air Speed : 1	
Sample size tested (cm) :	48X48	
Number Of Samples Tested :	3	
Tested Surface :	Front	
<u>Thermal Resistance (R_{et})</u>	<u>RESULT (W/mK)</u>	<u>REQUIREMENT</u>
Average R _{et} Value	0,0446 W/mK	

Total Uncertainty; ± % 22,9