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

AB-0583-T
2500028477
11.25

EKOTEKS

TEST REPORT
DENEY RAPORU

Report Nr / Revision Nr :	2500028478
Customer name :	GENTUG TEKSTIL ÜRÜNLERI SAN VE TIC
Applicant Address :	KERESTECILER SIT SAVAS CAD SÖGÜT SOK NO1 MERTER / ISTANBUL
Buyer name :	-
Contact Person :	
Sample Accepted on :	30.10.2025
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 :	AKUSTIK 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 :	-

The Turkish Accreditation Agency (TURKAK) 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 test reports.
EKOTEKS LABORATUVAR ve GÖZETİM HİZMETLERİ A.Ş. accredited by TÜRKAK under registration number [AB-0583-T] for ISO 17025:2017 as test laboratory.
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	Customer Representative	Laboratory Manager
	12.11.2025	ZAHIDE TAPAN	Sevim A. RAZAK 12.11.2025

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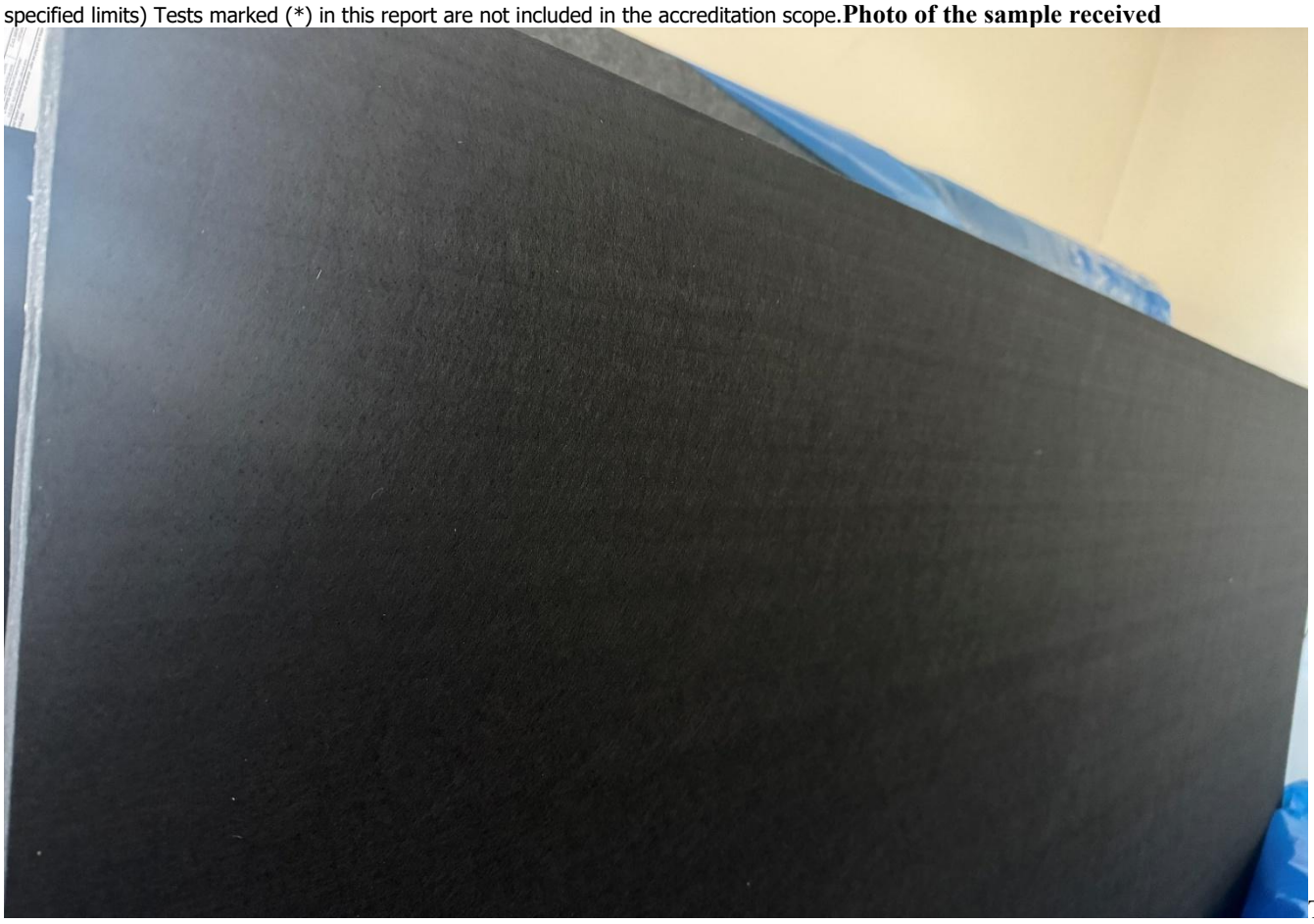
TEST RESULTS

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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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 & Results															
Parts	**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

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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) Vinylcylohexene (Cas No 100-40-3)
4-Phenylcylohexene (Cas No 4994-16-5) 1-Methyl-2pyrolidone (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 delected

Total Uncertainty:%21,9

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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 (m2K/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