

ACOUSTIC
FELT



FeltVibe®

ISO 11092:2014 | Thermal Resistance

ISO 105 B02:2014 | Colour Fastness to Light

ISO 14184-1:2011 | Formaldehyde

EKOTEKS 54 | VOC

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



TEST REPORT
DENEY RAPORU

AB-0583-T

24008033-
Add-RER

04-24

Customer name: GENTUĞ 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

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
29.04.2024

Customer Representative
Buket ÇALIŞ

Head of Testing Laboratory
Sevim A. RAZAK
29.04.2024

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Testing reports without signature and seal are not valid.

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REQUIRED TESTS	EVALUATION	COMMENTS
ECOLOGICAL 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		

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 schedule.



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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

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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-2pyrrolidone	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

**FLEXIBLE CELLULAR MATERIALS-DETERMINATION OF DENSITY;
ASTM D3574:2017 TEST A(*)**

Performed in the conditioned room (23±2°C-50±10% RH).

Density (g/cm³)

RESULT

0,169 g/cm³

REQUIREMENT

-

COLOUR FASTNESS TO LIGHT; ISO 105 B02:2014

METHOD 3

C14000 Fastness Tester. Test was performed according to Exposure Cycle-A1(temperate zone) condition of this standard.

The blue wool 4 was faded up to grey scale 3.

Evaluated with standard blue wool scale.

RESULT

4+

REQUIREMENT

-

Total Uncertainty (%)±0.5 grade

Gen.f136-2/04

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24008033-
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TEST RESULTS

THERMAL RESISTANCE : ISO 11092:2014

Equipment : Sweating Guarded Hot Plate Test Machine / SDL 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_{ct})</u>	<u>RESULT (W/mK)</u>	<u>REQUIREMENT</u>
Average R _{ct} Value	0,0446 W/mK	

Total Uncertainty: ± % 22,9

Gen.f136-2/04