



EFFECTIS ERA AVRASYA
TEST VE BELGELENDİRME A.Ş.

Dilovası Organize San. Böl. 5.Kısım Fırat Cad. No:18 41455

Dilovası, Kocaeli / TÜRKİYE

DENEY RAPORU

TEST REPORT



AB-0556-T

FTST251659

11-25

Müşterinin adı/adresi : AKSİS NONWOVENS TEKSTİL SANAYİ VE TİCARET A.Ş.
Customer name/address Göçerler Mah. Başkomutan Atatürk Cad. No:21,

Saray, Tekirdağ / TÜRKİYE

İstek numarası : EEA-25-001182-REV2
Order No.

Numunenin adı ve tarifi : Aksis Acoustic Felt – 6 mm
Name and identity of test sample

Numunenin kabul tarihi : 30.09.2025
The date of receipt of sample

Açıklamalar :
Remarks

Deneyin yapıldığı tarih : 14.10.2025
Date of test

Raporun sayfa sayısı : 4 (7 pages including appendixes)
Number of pages of the Report

Deney laboratuvarı olarak faaliyet gösteren Efectis Era Avrasya Test ve Belgelendirme A.Ş., TÜRKAK'tan AB-0556-T ile TS EN ISO/IEC 17025:2017 standardına göre akredite edilmiştir.

Efectis Era Avrasya Test ve Belgelendirme A.Ş. accredited by TÜRKAK under registration number AB-0556-T for EN ISO/IEC 17025:2017 as test laboratory"

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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

Deney ve/veya ölçüm sonuçları, genişletilmiş ölçüm belirsizlikleri (olması halinde) ve deney metotları bu sertifikanın tamamlayıcı kısmı olan takip eden sayfalarda verilmiştir.

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

Mühür
Seal

Yayımlandığı Tarih
Date

Deney Sorumlusu
Person in charge of test

Onaylayan
Approval



04.11.2025

e-signed
Aslı SAKA

e-signed
Ali BAYRAKTAR

Bu rapor, laboratuvarın yazılı izni olmadan kısmen kopyalanıp çoğaltılamaz. İmzasız ve mühürsüz raporlar geçersizdir.

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TEST REPORT

on Fire and Technical Characteristics

Ref. No.: EEA-25-001182-REV2

Sponsor: AKSİS NONWOVENS TEKSTİL SANAYİ VE TİCARET A.Ş.

Göçerler Mah. Başkomutan Atatürk Cad. No:21, Saray, Tekirdağ / TÜRKİYE

TEST ITEM

Product name: Aksis Acoustic Felt – 6 mm

Manufacturing Plant: AKSİS NONWOVENS TEKSTİL SANAYİ VE TİCARET A.Ş.

Göçerler Mah. Başkomutan Atatürk Cad. No:21, Saray, Tekirdağ / TÜRKİYE

Composition : 50% Polyester Fiber, 50% Flame-Retardant Polyester Bico

Appearance : The white acoustic felt, with a thickness of 6 mm and an areal density of 1400 g/m², is a polyester-based material. The test specimen for the long wing consists of two pieces measuring 600×600 mm, two pieces measuring 400×600 mm, one piece measuring 400×300 mm, and one piece measuring 300×600 mm. The specimen for the short wing consists of two pieces measuring 500×600 mm and one piece measuring 300×600 mm. The specimens were mechanically fixed to standard gypsum boards in accordance with TS EN 13238:2010, following TS EN 13823 clause 5.2.2.a, without an air gap. The gypsum board has a thickness of 12.5 mm and a nominal density of 700 kg/m³.

Date of receipt of the sample: 30.09.2025

Date of realization of tests: 14.10.2025

Sampling: The samples were delivered by the sponsor.

TEST METHOD: EN 13823:2020+A1:2022

Conditioning: EN 13238:2010, Article 4.3.c (23 ± 2) °C and % (50 ± 5) relative humidity.

Bu rapor, laboratuvarın yazılı izni olmadan kısmen kopyalanıp çoğaltılamaz.

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MEASURED VALUES AND THE TEST RESULTS

Test specimen no.	1	2	3	Ø	Expanded uncertainty
Date of test	14.10	14.10	14.10		
LFS > edge	no	no	no	no	(-)
FIGRA _{0,2} MJ [W/s]	0,0	0,0	0,0	0,0	0,4
FIGRA _{0,4} MJ [W/s]	0,0	0,0	0,0	0,0	0,4
THR _{600 s} [MJ]	1,3	1,4	2,0	1,5	0,6
SMOGRA [m ² /s ²]	0,0	0,0	0,0	0,0	0,4
TSP _{600 s} [m ²]	8,5	0,8	5,7	5,0	4,5
Flaming droplets/particles	no	no	no	no	(-)
Time of flaming [s]	(-)	(-)	(-)	(-)	(-)

Observation during the test: No flaming droplets were observed.

Bu rapor, laboratuvarın yazılı izni olmadan kısmen kopyalanıp çoğaltılamaz.

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Conclusion:

The mentioned expanded uncertainty is obtained by multiplying the standard uncertainty by a coverage factor $k=2$, which corresponded to a level of confidence of 95 %.

The test results relate to the behaviour of the test specimen of a product under the particular conditions of the test; they are not intended to be the sole criterion for assessing the potential fire hazard of the product of use. The results of tests are concerned only with the subject of testing.

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Brand, type, quality and dimension information of the components, when it is not possible to be verified by the laboratory, are given according to the sponsor's declaration and the responsibility belongs to the sponsor. The test specimens are tested as received from the sponsor (when the laboratory does not carry out sampling).

Annotation:

(-): data was not determined/measured

Appendixes:

Appendix No. 1: The photographs of the exposed surface of the test specimens

Appendix No. 2: The graphs of the measured and calculated values

The photograph of the exposed surface of long wing



The photograph of the exposed surface of short wing



The photograph of the exposed surface taken from the opposite of corner line





