



AB-0556-T

FTST25117

01-25



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

Müşterinin adı/adresi : ANADOLU BAKIR A.Ş.
Customer name/address Velimeşe OSB Mah. 3. Yanyol Cad. No: 7 Ergene, Tekirdağ / TÜRKİYE

İstek numarası : EEA-24-001560
Order No.

Numunenin adı ve tarifi : Ottocool Polyethylene Foam Insulation Tube – White 31/13 mm
Name and identity of test sample

Numunenin kabul tarihi : 08.01.2025
The date of receipt of sample

Açıklamalar :
Remarks

Deneyin yapıldığı tarih : 13.01.2025
Date of test

Raporun sayfa sayısı : 4 (5 page including appendix)
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”

Türk Akreditasyon Kurumu (TÜRKAK) deney raporlarının tanınması konusunda Avrupa Akreditasyon Birliği (EA) ve Uluslararası Laboratuvar Akreditasyon Birliği (ILAC) ile karşılıklı tanınma antlaşmasını imzalamıştır.

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

Tarih

Date

Deney Sorumlusu

Person in charge of test

Onaylayan

Approval



e-signed

Aslı SAKA

e-signed

Ali BAYRAKTAR

29.01.2025

Bu rapor, laboratuvarın yazılı izni olmadan kısmen kopyalanıp çoğaltılamaz.

İmzasız ve mühürlü raporlar geçersizdir.

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

TEST REPORT

on Fire and Technical Characteristics

Our ref.: EEA-24-001560

Sponsor: ANADOLU BAKIR A.Ş.

Velimeşe OSB Mah. 3. Yanyol Cad. No: 7 Ergene, Tekirdağ / TÜRKİYE

TEST ITEM

Product name: Ottocool Polyethylene Foam Insulation Tube – White 31/13 mm

Manufacturing Plant: ANADOLU BAKIR A.Ş.

Velimeşe OSB Mah. 3. Yanyol Cad. No: 7 Ergene, Tekirdağ / TÜRKİYE

Composition: Polyethylene film, Polyethylene foam pipe

Appearance: Nominal density of the polyethylene foam pipe is 30 kg/m³, nominal wall thickness is 13 mm and nominal inner diameter is 6,35 mm. Polyethylene foam is faced with white polyethylene film. Nominal density of the polyethylene film facing is 1,05 g/cm³ and the nominal thickness is 0,3 mm.

Mounting of the samples: Each test specimen consisted of six 4 x 2 ft.(60,96 cm) wide boards joined end to end to form the required 24 ft.(731,52cm) long surface. The pipe specimen had an outside diameter of 31 mm and was supported by 2 in. hexagonal poultry netting.

Date of receipt of the sample: 08.01.2025

Date of realization of tests: 13.01.2025

Sampling: Samples were delivered by the sponsor.

Test Method: UL 723 - 23

Conditioning: UL 723 - 23, clause 6.4 (23 °C ± 2.8 °C) temperature & (50% ± 5%) RH

Bu rapor, laboratuvarın yazılı izni olmadan kısmen kopyalanıp çoğaltılamaz.

İmzasız ve mühürlü raporlar geçersizdir.

This 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

MEASURED VALUES AND THE TEST RESULTS

FSI [m.min]	0,97
FSI [ft.min]	3,14
SDI [%min]	16,96
Rounded FSI [ft.min]	5
Rounded SDI [%min]	15

Observation during the test: No specific conditions were observed during the test.

Conclusion:

The test results relate to the behaviour of the test specimen of a product under the 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.

The protocol shall not be reproduced except in full without the written approval of the testing laboratory.

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).

Bu rapor, laboratuvarın yazılı izni olmadan kısmen kopyalanıp çoğaltılamaz.

İmzasız ve mühürlü raporlar geçersizdir.

This 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

Classification:

The International Building Code® (IBC), NFPA 101 and NFPA 5000 all describe a set of classification criteria required for interior wall and ceiling finish materials based on FSI and SDI when tested in accordance with ASTM E84 or UL 723.

The classification criteria for all three standard is the same:

Class	Rounded FSI [ft.min]	Rounded SDI [%min]
A	0-25	0-450
B	26-75	0-450
C	76-200	0-450

Appendix 1:

The graphs of the measured and calculated values

- *FSI: Flame spread index*
- *SDI: Smoke developed index*

Bu rapor, laboratuvarın yazılı izni olmadan kısmen kopyalanıp çoğaltılamaz.

İmzasız ve mühürlü raporlar geçersizdir.

This 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

