



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



Test
TS EN ISO/IEC 17025
AB-0556-T

AB-0556-T

FTST23138

03-23

Müşterinin adı/adresi : LTD FERO
Customer name/address Mtskheta Tsodoreti Village / GEORGIA

İstek numarası : EEA-22-000797
Order No.

Numunenin adı ve tarifi : R-CABLES H05VVH-F – 2x2,5 mm²
Name and identity of test sample

Numunenin kabul tarihi : 16.01.2023
The date of receipt of sample

Açıklamalar :
Remarks

Deneyin yapıldığı tarih : 31.01.2023
Date of test

Raporun sayfa sayısı : 3
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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Deney ve/veya ölçüm sonuçları, genişletilmiş ölçüm belirsizlikleri (olması halinde) ve deney metodları 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



17.03.2023

e-signed
Uğur ÇAVAŞ

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

Our ref.: EEA-22-000797

Sponsor: LTD FERO

Mtskheta Tsodoreti Village / GEORGIA

TEST ITEM

Product name: R-CABLES H05VVH-F – 2x2,5 mm²

Manufacturing Plant: LTD FERO

Rustavi 3700 Mshenebelta str 62 / GEORGIA

Composition: PVC outer sheath, PVC filler, XLPE insulation, Stranded copper wire conductor (Class 5)

Appearance: Nominal cross section of the black coloured multicore sheathed (unarmoured) circular power cable is 2x2,5 mm². Operating voltage is 300/500 V. Nominal external overall diameter of the cable is 8,5 mm. Measured external overall diameter of the cable is 8,5 mm.

Date of receipt of the sample: 16.01.2023

Date of realization of tests: 31.01.2023

Sampling: Samples were delivered by the sponsor.

Test Method: EN 60332-1-2:2004, EN 60332-1-2:2004/A1:2015, EN 60332-1-2:2004/A11:2016

The flame application time: 60 s

Conditioning: EN 60332-1-2:2004, Article 5.2, (23 ± 5) °C and % (50 ± 20) RH.

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MEASURED VALUES AND THE TEST RESULTS

Results		Performance Criteria	Expanded uncertainty
L1 [mm]	360	> 50	5
L2 [mm]	482	≤ 540	5
H [mm]	122	≤ 425	(-)

Observation during the test: No specific conditions were observed.

L1: distance from the lower edge of the upper support to the upper onset of charring.

L2: distance from the lower edge of the upper support to the lower onset charring.

H: distance from the upper onset of charring (above the flame application point) to the lower onset charring (below the flame application point).

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).

Bu rapor, laboratuvarın yazılı izni olmadan kısmen kopyalanıp çoğaltılamaz.

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