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TSE DENEY ve KALİBRASYON MERKEZİ BAŞKANLIĞI
Elektroteknik ve Kimya Laboratuvarları Grup Başkanlığı
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Test
TS EN ISO/IEC 17025
AB-0001-T

AB-0001-T

344388

05-17

MUAYENE VE DENEY RAPORU
TEST REPORT

Deneysel Talep Eden : ETK KABLO SAN.VE.TİC.A.Ş.
(Adı,Adresi,Şehir vb.)
Customer (Name,Address, City, etc.)

Deneysel Talep Tarihi/No : 09.05.2017 / 178242
Order Date / No

Numunenin Tanımı : KABLO, ETK, LIYY LIYY JZ/OZ/JB/OB, -, -, 2,00 metre
(Cins, Marka, Tip, Tür, Model vb.)
Sample Description(Type,Mark,Model etc.)

Numune Kabul Tarihi : 09.05.2017
Test Item Receipt Date

Deneysel Yapıldığı Tarih : 15.05.2017 - 31.05.2017
Date of Test

Uygulanan Standard / Metod : TS EN 13501-6:2014-04 Yapı mamulleri ve yapı elemanları - Yangın sınıflandırması - Bölüm 6: Elektrik kablolarındaki yangın deneylerinin reaksiyonlarından elde edilen veriler kullanılarak sınıflandırma
Applied Standard/Method

Raporun Sayfa Sayısı : 4
Number of pages of the report

Açıklamalar :
Remarks

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

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Deneysel ve/veya ölçüm sonuçları, genişletilmiş ölçüm belirsizlikleri (olması halinde) ve deneysel metodları bu raporun 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

05.06.17

Deneysel Sorumlusu
Person in charge of tests

Ebubekir YILANCI
Tekniker

Kontrol Eden
Reviewer

Mehmet YAZICI
Teknik Şef

Onaylayan
Approved by

Hilmi AKDOĞAN
Laboratuvar Müdürü

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

Bu rapor, sadece deneysel yapılan numune için geçerlidir ve "Ürün Belgesi" yerine geçmez.

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This test report represents only tested sample(s), and shall not be used as Product Certificate



REACTION TO FIRE CLASSIFICATION OF ELECTRICAL CABLES

1-Introduction

This classification report defines the classification assigned to ETK CABLE – LIYY JZ/OZ/JB/OB in accordance with the procedures given in TS EN 13501-6



CLASSIFICATION OF REACTION TO FIRE FOR ELECTRIC CABLES IN ACCORDANCE WITH TS EN 13501-6

Sponsor	ETK KABLO SAN. VE TİC. A. Ş.
Prepared by	TSE Elektroteknik Laboratuvarı Gebze Müdürlüğü
Notified Body No	1783
Product name	ETK CABLE with trade mark, ETK CABLE – LIYY JZ/OZ/JB/OB type of cable
Classification report No	344388 /05-17
Issue number	2
Issue date	31.05.2017

This classification report consists of 4 pages and may only be used or reproduced in its entirety.

2 Details of classified product

2.1 General

ETK CABLE with trade mark, ETK CABLE – LIYY JZ/OZ/JB/OB type of cable

2.2 Product description

ETK CABLE with trade mark, ETK CABLE – LIYY JZ/OZ/JB/OB type of cable is described below.

Sponsor	ETK KABLO SAN. VE TİC. A. Ş.
Manufacturer	ETK KABLO SAN. VE TİC. A. Ş.
Place of manufacturer	Osmangazi Mah. Müstesna sok. No:37 Samandıra-Sancaktepe / İstanbul
Trade name	ETK CABLE, ETK CABLE – LIYY JZ/OZ/JB/OB
Sample description	Class 5 conductor
Tested cable and size	1- LIYY JZ/OZ/JB/OB 2x0,22 mm ² 2- LIYY JZ/OZ/JB/OB 25x1,5 mm ²
Overall diameter	1- LIYY JZ/OZ/JB/OB 2x0,22 mm ² = 3,50 mm 2 - LIYY JZ/OZ/JB/OB 25x1,5 mm ² = 16,90 mm





3 Reports and results in support of this classification

3.1 Reports

Enter details of reports here as applicable

Name of Laboratory	Name of Sponsor	Test Reports No	Test method
TSE Gebze Electrotechnical Laboratory	ETK KABLO SAN. VE TİC. A. Ş.	344347/ 05-17	TS EN 60332-1-2/A11:2017
TSE Gebze Electrotechnical Laboratory	ETK KABLO SAN. VE TİC. A. Ş.	344349/ 05-17	TS EN 60332-1-2/A11:2017

3.2 Results

Test method and type of cable	Parameter	No. of test	Test results	
			Continuous parameter	Compliance with parameters
LIYY JZ/OZ/JB/OB 2x0,22 mm ² TS EN 60332-1-2/A11:2017	H (Vertical flame spread)	1	161 mm	≤ 425mm / Eca
LIYY JZ/OZ/JB/OB 25x1,5mm ² TS EN 60332-1-2/A11:2017	H (Vertical flame spread)	1	146 mm	≤ 425mm / Eca

4 Classification and field of application

4.1 Reference of Classification

This classification has been carried out in accordance with TS EN 13501-6:2014.

4.2 Classification

The power cables in relation to reaction to fire behaviour are classified:

E_{ca}

The format of the reaction to fire classification for electric cables is:

Fire Behaviour	Smoke Production	Flaming Droplets	Acidity
E_{ca}	-	-	-

Reaction to Fire Classification: E_{ca}





4.3 Field of application

This classification is valid for the power cables listed below as determined in the extended application process according to CLC-FprTS 50576-2016.

Brand name	Cable Family	Outer diameter of cable	Reaction to Fire Classification
ETK CABLE	LIYY JZ/OZ/JB/OB	3,50 mm to 21,13 mm	E _{ca}

5 Limitations

This classification document does not represent type approval or certification of the product.

The classification assigned to the product in this report is appropriate to a declaration of conformity by the manufacturer within the context of system 3 attestation of conformity and CE marking under the Construction Products Regulation.

The test laboratory has, therefore, played no part in sampling the product for the test, although it holds appropriate references, supplied by the manufacturer, to provide for traceability of the samples tested

Signed

Ebubekir YILANCI

Technician
Electrotechnical Laboratory

Approved

Hilmi AKDOĞAN

Director of Electrotechnical
Laboratory

