



**TSE DENEY ve KALİBRASYON MERKEZİ BAŞKANLIĞI**  
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**MUAYENE VE DENEY RAPORU**  
**TEST REPORT**



Test  
TS EN ISO IEC 17025  
AB-001-T

AB-001-T

345567

06-17

**Deneyi Talep Eden** : ETK KABLO SAN.VE.TİC.A.Ş.  
(Adı,Adresi,Şehir vb.)  
*Customer (Name,Address, City etc.)* OSMANGAZİ MAH. BİLALİ HABEŞİ CAD.NO:135 SAMANDIRA/İSTANBUL Sancaktepe-İSTANBUL)

**Deney Talep Tarihi/No** : 05.06.2017 / 180541  
*Order Date / No*

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

**Numune Kabul Tarihi** : 05.06.2017  
*Test Item Receipt Date*

**Deneylerin Yapıldığı Tarih** : 06.06.2017 - 08.06.2017  
*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* TS EN 13501-6:2014-04 Fire classification of construction products and building elements - Part 6: Classification using data from reaction to fire tests on electric cables

**Raporun Sayfa Sayısı** : 4  
*Number of pages of the report*

**Açıklamalar** :  
*Remarks*

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*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

09.06.17

Deney Sorumlusu  
Person in charge of tests

Ensar GEDİKOĞLU  
Tekniker

Kontrol Eden  
Reviewer

Memet YAZICI  
Teknik Şef

Onaylayan  
Approved by

Hilmi AKDOĞAN  
Laboratuvar Müdürü

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

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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 – YSLYCY 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 – YSLYCY JZ/OZ/JB/OB type of cable
Classification report No	345567/06-17
Issue number	2
Issue date	08.06.2017

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 – YSLYCY JZ/OZ/JB/OB type of cable

#### 2.2 Product description

ETK CABLE with trade mark, ETK CABLE – YSLYCY 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 – YSLYCY JZ/OZ/JB/OB
Sample description	Class 5 conductor
Tested cable and size	1- YSLYCY JZ/OZ/JB/OB 2x0,50 mm <sup>2</sup> 2- YSLYCY JZ/OZ/JB/OB 8x16 mm <sup>2</sup>
Overall diameter	1- YSLYCY JZ/OZ/JB/OB 2x0,50 mm <sup>2</sup> = 6,90 mm 2- YSLYCY JZ/OZ/JB/OB 8x16 mm <sup>2</sup> = 31,93 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.	345556/ 06-17	TS EN 60332-1-2/A11:2017
TSE Gebze Electrotechnical Laboratory	ETK KABLO SAN. VE TİC. A. Ş.	345557/ 06-17	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
YSLYCY JZ/OZ/JB/OB 2x0,50 mm <sup>2</sup> TS EN 60332-1-2/A11:2017	H (Vertical flame spread)	1	160 mm	≤ 425mm / Eca
YSLYCY JZ/OZ/JB/OB 8x16 mm <sup>2</sup> TS EN 60332-1-2/A11:2017	H (Vertical flame spread)	1	140 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<sub>ca</sub>**

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

Fire Behaviour	Smoke Production	Flaming Droplets	Acidity
<b>E<sub>ca</sub></b>	-	-	-

**Reaction to Fire Classification: E<sub>ca</sub>**





### 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	YSLYCY JZ/OZ/JB/OB	6,64 mm to 36,55 mm	E <sub>ca</sub>

### 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

ENSAR GEDİKOĞLU

Technician  
Electrotechnical Laboratory

Approved

Hilmi AKDOĞAN

Director of Electrotechnical  
Laboratory

