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TSE DENEY ve KALİBRASYON MERKEZİ BAŞKANLIĞI

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Test
TS EN ISO/IEC 17025
AB-0001-T

AB-0001-T
345581
06-17

MUAYENE VE DENEY RAPORU
TEST REPORT

Deneyi Talep Eden (Adı,Adresi,Şehir vb.) *Customer (Name,Adress,City etc.)*	:	ETK KABLO SAN.VE.TİC.A.Ş. OSMANGAZİ MAH. BİLALİ HABEŞİ CAD.NO:135 SAMANDIRA/İSTANBUL Sancaktepe-İSTANBUL)
Deney Talep Tarihi/No *Order Date / No*	:	05.06.2017 / 180541
Numunenin Tanımı (Cins, Marka, Tip, Tür, Model vb.) *Sample Description(Type,Mark,Model etc.)*	:	KABLO, ETK KABLO , VBV (JYY) , - , - , 2.00 metre *CABLE,,,,,2,00 meter*
Numune Kabul Tarihi *Test Item Receipt Date*	:	05.06.2017
Deneylerin Yapıldığı Tarih *Date of Test*	:	06.06.2017 - 08.06.2017
Uygulanan Standard / Metod *Applied Standard/Method*	:	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 *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 *Number of pages of the report*	:	4
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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Deney ve/veya ölçüm sonuçları, genişletilmiş ölçüm belirsizlikleri (olması halinde) ve deney 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*	**Deney Sorumlusu** *Person in charge of tests*	**Kontrol Eden** *Reviewer*	**Onaylayan** *Approved by*
	09.06.17	Ensar GEDİKOĞLU Tekniker	Mehmet YAZICI Teknik Şef	Hilmi AKDOĞAN Laboratuvar Müdürü

REACTION TO FIRE CLASSIFICATION OF ELECTRICAL CABLES

1-Introduction

This classification report defines the classification assigned to ETK CABLE – VBV (J-YY) 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 – VBV (J-YY) type of cable
Classification report No	345581/06-17
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 – VBV (J-YY) type of cable

2.2 Product description

ETK CABLE with trade mark, ETK CABLE – VBV (J-YY) 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 – VBV (J-YY)
Sample description	Class 1 conductor
Tested cable and size	1- VBV (J-YY) 1x2x0,50mm² 2- VBV (J-YY) 100x2x0,50mm²
Overall diameter	1- VBV (J-YY) 1x2x0,50mm²=3,10 2- VBV (J-YY) 100x2x0,50mm²=19,61

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.	345559/ 06-17	TS EN 60332-1-2/A11:2017
TSE Gebze Electrotechnical Laboratory	ETK KABLO SAN. VE TİC. A. Ş.	345558/ 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
VBV (J-YY) 1x2x0,50mm² TS EN 60332-1-2/A11:2017	H (Vertical flame spread)	1	200 mm	≤ 425mm / Eca
VBV (J-YY) 100x2x0,50mm² TS EN 60332-1-2/A11:2017	H (Vertical flame spread)	1	120 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	VBV (J- YY)	3,036 mm to 24,47 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

ENSAR GEDİKOĞLU

Technician
Electrotechnical Laboratory

Approved

Hilmi AKDOĞAN

Director of Electrotechnical Laboratory