



REQUEST NUMBER: 301599

**ELEKTROTEKNİK LABORATUVARI GEBZE MÜDÜRLÜĞÜ**  
*Electrotechnical Laboratory (Gebze)*

Yapı Malzemeleri Yönetmeliği(305/2011/AB)  
Construction Products Regulation(305/2011/EU)

**ONAYLANMIŞ KURULUŞ : 1783**  
NOTIFIED BODY : 1783

TS EN 13501-6

**YANGINA TEPKİ SINIFLANDIRMA RAPORU**  
*REACTION TO FIRE CLASSIFICATION REPORT*

**Talep Eden**  
Applicant  
**Adresi**  
Address

: ÜNAL KABLO SAN. VE TİC. A.Ş.

: VELİMEŞE ORGANİZE SAN. MAH. 247. SOK. NO:4/1  
ERGENE / TEKİRDAĞ

Name and address of Production Place  
**Markası, Ticari Modeli, Tipi**  
Trade Mark, Commercial Model, Type

: ÜNAL KABLO N2XH (MULTICORE) 0,6/1 kV

**YANGINA TEPKİ SINIFI**  
*REACTION TO FIRE CLASSIFICATION*

**E**

**Rapor Değerlendirme Tarihi**  
Date of Issue

: 25.01.2024



**SAFİYE DEMİR**

**DIRECTOR OF ELECTROTECHNICAL  
LABORATORY (GEBZE) V.**

Bu rapor 3 sayfadır ve kısmen çoğaltılamaz.

This report is composed of 3 page and cannot be copied partially.

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## 1. INTRODUCTION

This classification report defines the classification of cable below in accordance with the procedures given in TS EN 13501-6

## 2. DETAILS OF CLASSIFIED PRODUCT

### 2.1. General

Trade name, Type of cable	ÜNAL KABLO N2XH (MULTICORE) 0,6/1 kV	
Tested cable and size and overall diameter	1- N2XH (MULTICORE) 2x1,5 mm <sup>2</sup> 0,6/1 kV 2- N2XH (MULTICORE) 4x240 mm <sup>2</sup> 0,6/1 kV	8,95 mm 62,0 mm

## 3. TEST REPORT AND RESULTS

### 3.1 Test Reports

Name of Laboratory	Test reports no and Date	Test methods
TSE Gebze Electrotechnical Laboratory	26130 / 01-24	( TS EN 60332-1-2/A1:2016 / A11: 2017)
TSE Gebze Electrotechnical Laboratory	26170 / 01-24	( TS EN 60332-1-2/A1:2016 / A11: 2017)

### 3.2 Test Results

Test method and type of cable	Parameter	No. of test	Test results	
			Continuous parameter	Compliance with parameters
N2XH (MULTICORE) 2x1,5 mm <sup>2</sup> 0,6/1 kV TS EN 60332-1-2/A11:2017	H (Vertical flame spread)	1	130 mm	≤ 425mm / Eca
N2XH (MULTICORE) 4x240 mm <sup>2</sup> 0,6/1 kV TS EN 60332-1-2/A11:2017	H (Vertical flame spread)	1	120 mm	≤ 425mm / Eca

## 4. CLASSIFICATION

Fire Behaviour	Smoke Production	Flaming Droplets	Acidity
Eca	-	-	-

Reaction to Fire Classification: **Eca**



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## 5. 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.

Trade name	Cable Family	Outer diameter of cable	Reaction to Fire Classification
ÜNAL KABLO	N2XH (MULTICORE) 0,6/1 kV	From 8,95 mm – to 77,5 mm	Eca

Prepared by

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TECHNICAL CHIEF

Approved by

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