



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

Sponsor / Manufacturer	ÜNAL KABLO SAN. VE TİC. A.Ş.
Place of Manufacture	Velimeşe Organize Sanayi Mah. 247 sokak No:4/1 ERGENE / TEKİRDAĞ
Prepared by	TSE Elektroteknik Laboratuvarı Gebze Müdürlüğü Cumhuriyet Mah. 2258 Sokak Gebze / KOCAELİ - TÜRKİYE
Notified Body No	1783
Regulation	Construction Products Regulation (305/2011/EU)

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

Trade name, Type of cable	ÜNAL KABLO CBT	
Tested cable and size and overall diameter	1- CBT 2x1,5 mm ² 2- CBT 5x10 mm ²	6,0 mm 19,50 mm

3- Test Reports and results in support of this classification

3.1 Reports

Enter details of reports here as applicable

Name of Laboratory	Test reports no and Date	Test methods
TSE Gebze Electrotechnical Laboratory	455412 / 02-19	(TS EN 60332-1-2/A1:2016 / A11: 2017)
TSE Gebze Electrotechnical Laboratory	455413 / 02-19	(TS EN 60332-1-2/A1:2016 / A11: 2017)

Test method and type of cable	Parameter	No. of test	Test results	
			Continuous parameter	Compliance with parameters
CBT 2x1,5 mm ² TS EN 60332-1-2/A11:2017	H (Vertical flame spread)	1	195 mm	≤ 425mm / Eca
CBT 5x10 mm ² TS EN 60332-1-2/A11:2017	H (Vertical flame spread)	1	115 mm	≤ 425mm / Eca





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

Fire Behaviour	Smoke Production	Flaming Droplets	Acidity
<i>Eca</i>	-	-	-

Reaction to Fire Classification: **E***ca*

4-Field of Application

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

Cable Family	Overall Diameter	Reaction to Fire Classification
CBT	6,0 mm to 24,38 mm	<i>Eca</i>

