

**TEST REPORT**

**REPORT NUMBER :** TURT130016889-REVISED 02  
**APPLICANT NAME** **Schneider Elektrik San. ve Tic. A.Ş.**  
**ADDRESS** A.O.S.B. 10011 Sok. No:4 Çiğli İzmir TURKEY  
FAX NO :0232 376 71 70  
**Attention :Demet Bayındır (demet.bayindir@schneider-electric.com)**

**SAMPLE DESCRIPTION :**  
**Sample 1** One sample of pvc kablo kanalı  
**Sample 2** One sample of abs accessories

**DATE IN :** 04 February, 2013 (09:09)  
**DATE OUT :** 14 March, 2013 / 15 March, 2013 / 18 March, 2013  
**YOUR REFERENCE :** PVC Hammadde ile üretilen ETK10150E ve ETK10134E Kablo Kanalları ve ETK100092E Ara Bölme  
ABS Hammadde ile üretilen ETK10120E İç Köşe, ETK10130E Dış Köşe, ETK10140E Dirsek, ETK10151E T Dirsek, ETK10170E Ek Yeri Kapatıcı, ETK10187E Kanalüstü 45x45 Modül Kapağı Üçlü, ETK10197E Kanalüstü 45x45 Modül Kapağı İkili, ETK10198E Kanalüstü 45x45 Modül Kapağı Tekli, ETK100060E Uç Tapa

**FIBER COMPOSITION :** Not Given

**NOTE:** In this revised 02 report, Fluorescent UV Lamp Exposure test (sample 2) Delta E (CMC D65 10 deg) result was corrected due to typing error.  
This report replaced the report no TURT130016889-REVISED 01 dated on 15 March, 2013 and must be used instead of it.

TEST	Sample 1	Sample 2
FLUORESCENT UV LAMP EXPOSURE	P	P

P = MEETS BUYER' S REQUIREMENT / F = DOES NOT MEET BUYER' S REQUIREMENT / NR = NO REQUIREMENT / SC=STILL CONTINUES / X=NOT PERFORMED / NA = NOT APPLICABLE/ LS : LACK OF SAMPLE

The test results relate only to the items tested. The whole and/or the part of this test report shall not be reproduced and shall not be shared with third parties, nor to be used for PR activities without the written permission of INTERTEK Test Hizmetleri A.S.



Vahide Serap MERT  
COORDINATOR



Sinan Öncel  
TEXTILE LABORATORY MANAGER

**Intertek Test Hizmetleri A.S.**  
Merkez Mahallesi Sanayi Cad. No.23 Altindag Plaza Yenibosna 34197 - ISTANBUL / TURKEY  
Phone : +90.212. 496 46 46 Fax: +90.212. 452 80 55  
e-mail : labtest.turkey@intertek.com  
[www.intertek-turkey.com](http://www.intertek-turkey.com)



Test Method	Result	Requirements
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**Fluorescent UV lamp Exposure**

ISO 4892-3 : 2006

TYPE OF DEVICE: ATLAS UV

Conditioning: 23°C±2°C Temperature – 50±10% humidity / 88 hour (ISO 291)

**Sample 1**

CYCLE NO	METHOD	EXPOSURE PERIOD	LAMP TYPE	IRRADIANCE	BLACK STANDARD TEMPERATURE
1	Method A Artificial Weathering	8 h dry	Type 1 A (UVA-340)	0,76 Wm <sup>2</sup> /nm at 340 nm	60±3 °C
		4 h condensation		Light off	50±3 °C

SPECIMEN NO	COLOR CHANGE	APPEARANCE AFTER TEST	REQUIREMENT		
1	Grey Scale	3-4	Max 10		
1	Spectrophotometric	1-2			
<b>Cie lab DE</b>		9.06			
<b>CMC DE</b>		8.96			
<b>CIE Lab D65 10 deg</b>	<b>L*</b>	<b>a*</b>	<b>b*</b>	<b>C*</b>	<b>h</b>
<u>Reference</u>	92.45	-0.28	5.81	5.82	92.79
<u>Tested</u>	90.17	-0.63	14.58	14.59	92.47
	<b>Delta L*</b>	<b>Delta a*</b>	<b>Delta b*</b>	<b>Delta c*</b>	<b>Delta H*</b>
<b>CIE Lab D65 10 deg</b>	-2.28	-0.35	8.76	8.77	-0.05
	<b>CMC D65 10 deg</b>		<b>CIE Lab D65 10 deg</b>		
<b>Delta E</b>	8.96		9.06		

Visual Assessment according to ISO A02

Environmental Conditions: Humidity: 22% Temperature: 22.9°C

Lamp Age at Test Start: 1499 hours

Lamp Age at Test End : 2171 hours

Type of thermometer: Black Panel

Specimen Size: 140x65 mm

(Estimated Total uncertainty=± 0,5 Grade)

Test Method	Result	Requirements
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**Fluorescent UV lamp Exposure**

ISO 4892-3 : 2006

TYPE OF DEVICE: ATLAS UV

Conditioning: 23°C±2°C Temperature – 50±10% humidity / 88 hour (ISO 291)

**Sample 2**

CYCLE NO	METHOD	EXPOSURE PERIOD	LAMP TYPE	IRRADIANCE	BLACK STANDARD TEMPERATURE
1	Method A Artificial Weathering	8 h dry	Type 1 A (UVA-340)	0,76 Wm <sup>2</sup> /nm at 340 nm	60±3 °C
		4 h condensation		Light off	50±3 °C

SPECIMEN NO	COLOR CHANGE	APPEARANCE AFTER TEST			REQUIREMENT	
1	Grey Scale	2-3			Max 15	
1	Spectrophotometric	1				
<b>Cre lab DE</b>		14.48				
<b>CMC DE</b>		14.27				
CIE Lab D65 10 deg		L*	a*	b*	C*	h
<i>Reference</i>		93.14	-0.48	5.85	5.87	94.68
<i>Tested</i>		89.39	0.08	19.83	19.83	89.78
		Delta L*	Delta a*	Delta b*	Delta c*	Delta H*
<b>CIE Lab D65 10 deg</b>		-3.75	0.55	13.97	13.95	-0.92
		CMC D65 10 deg		CIE Lab D65 10 deg		
<b>Delta E</b>		14.27		14.48		

Visual Assessment according to ISO A02

Environmental Conditions: Humidity: 22% Temperature: 22.9°C

Lamp Age at Test Start: 1499 hours

Lamp Age at Test End : 2171 hours

Type of thermometer: Black Panel

Specimen Size: 140x65 mm

(Estimated Total uncertainty=± 0,5 Grade)

## END OF TEST REPORT ##