


TESTING REPORT

 <p>CTK Co., Ltd. The First Leader of Global Appliance Companies</p>	<p>CTK Co., Ltd. (Ho-Dong) 113, Yejik-ro Cheoin-gu, Yongin-shi Gyeonggi-do KOREA, REPUBLIC OF Tel: +82-31-339-9970 Fax: +82-31-624-9501</p>	<p>REPORT No.: CTK-2017-01116 Page (1) / (10) pages</p>
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1. Applicant

- Name : EYE CAP KOREA CO., LTD.
- Address..... : 347-25, Noha-gil, Paltan-myeon, Hwaseong-si, Gyeonggi-do,
18576 Korea
- **Date of Receipt** : 2017-05-10

2. Manufacturer

- Name : EYE CAP KOREA CO., LTD.
- Address..... : 347-25, Noha-gil, Paltan-myeon, Hwaseong-si, Gyeonggi-do,
18576 Korea

3. Use of Report : Quality control

4. Test sample / Model : Insulating tube /
General PVC CAP, EYECAP-PVC, EYECAP-SILICON



5. Date(s) of test : 2017-05-31

6. Test Standard (Method) used ... : Applicant Spectation

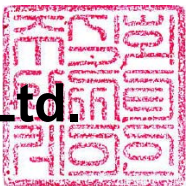
7. Testing Environment..... : Temperature: (24.0 ± 0.5) °C, Humidity: (43 ± 5) %R.H.,

8. Results : Refer to each test items

This test result is limited to the sample and sample name submitted by the applicant.
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Approval	Tested by: HyunSeob Lim  (Signature)	Technical Manager: KwangWon Lee  (Signature)
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2017-06-08

CTK Co., Ltd. 

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1 Heat resistance test

1.1 Test equipment

Test equipment	Model	Manufacturer	Serial No.
Methane	CH4	Korea Standard Gas	S1-F08
STOP WATCH	S1-SW2	CASIO	612Q01R-1
UR1000 RECORDER	4360-06	YOKOGAWA	12C118339

1.2 Test conditions

1. Height of flame : 20 mm
2. Temperature measurement point : 5 mm at the end
3. Test point : The time of transform, The time of carbonization

1.3 Test result

***General PVC CAP**

	Test point	Time(min)	Temperature(°C)	Remark
Sample #1	The time of transform	0:35	96.0	-
	The time of carbonization	0:57	122.0	-
Sample #2	The time of transform	0:38	97.2	-
	The time of carbonization	0:54	119.8	-
Sample #3	The time of transform	0:43	99.0	-
	The time of carbonization	0:55	120.1	-

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*** EYECAP-PVC**

	Test point	Time(min)	Temperature(°C)	Remark
Sample #1	The time of transform	1:09	136.0	-
	The time of carbonization	1:34	186.0	-
Sample #2	The time of transform	1:05	137.0	-
	The time of carbonization	1:27	188.0	-
Sample #3	The time of transform	1:10	139.0	-
	The time of carbonization	1:37	183.0	-

*** EYECAP-SILICON**

	Test point	Time(min)	Temperature(°C)	Remark
Sample #1	The time of transform	2:20	228.0	No transformation
	The time of carbonization	3:43	315.0	Max temp.
Sample #2	The time of transform	2:37	230.0	No transformation
	The time of carbonization	3:40	316.0	Max temp.
Sample #3	The time of transform	2:30	234.0	No transformation
	The time of carbonization	3:28	313.0	Max temp.

2 APPENDIX

2.1 Product Photographs

< Photo 1 > General PVC CAP



< Photo 2 > EYECAP-PVC





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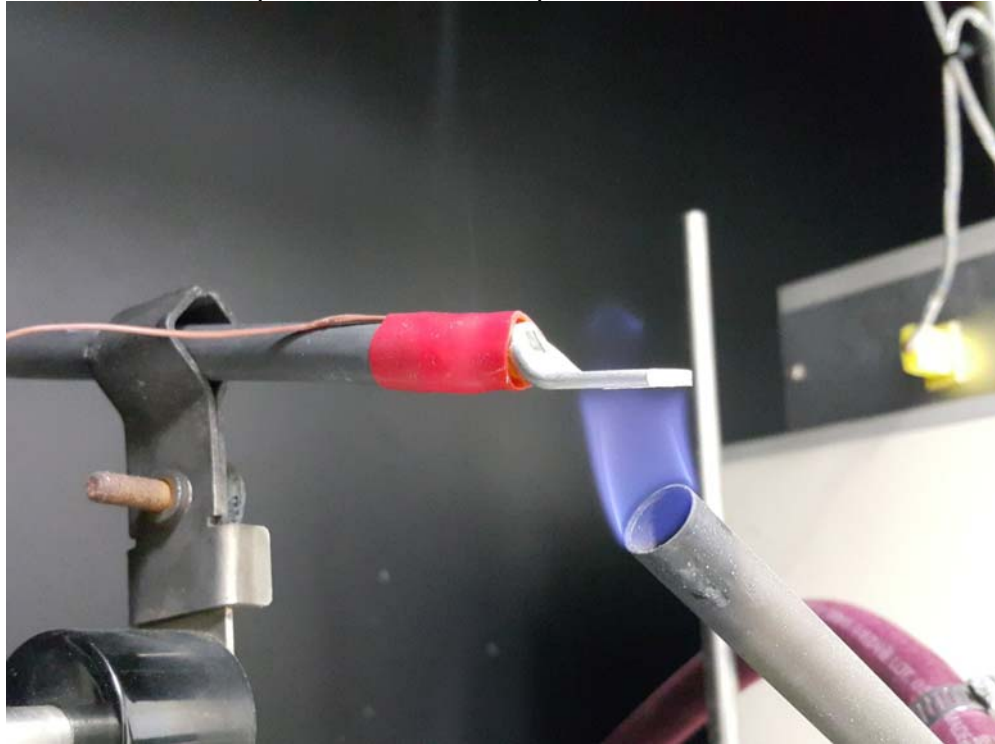
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< Photo 3 > EYECAP-SILICON

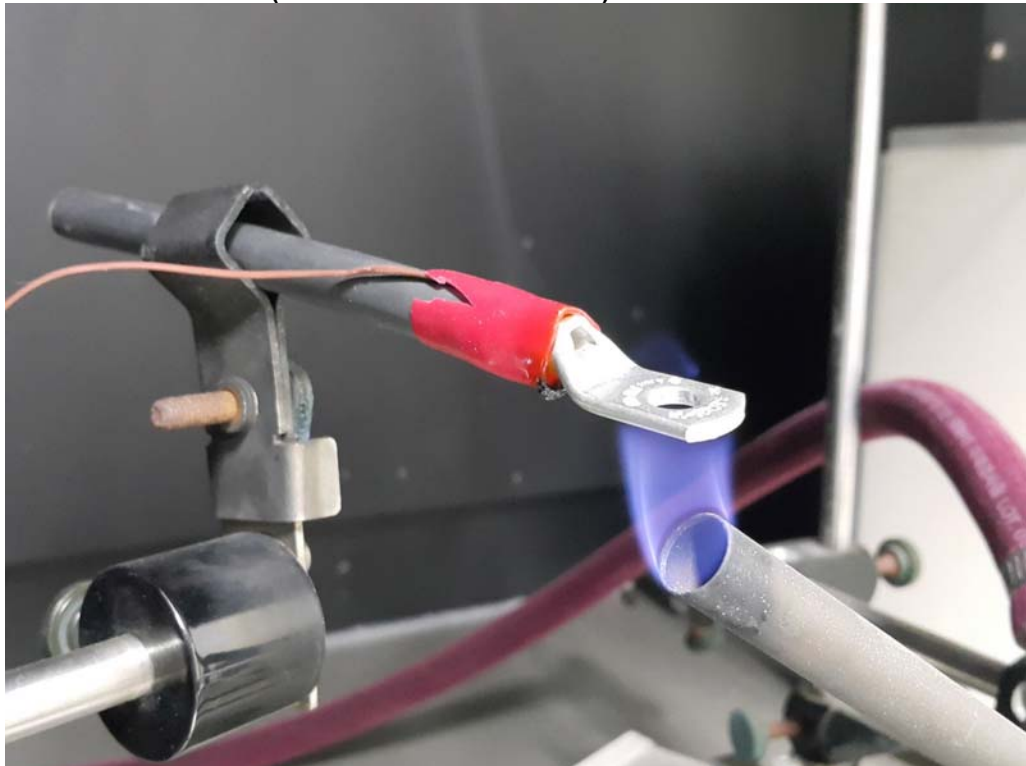


2.2 Test Setup Photos and Configuration

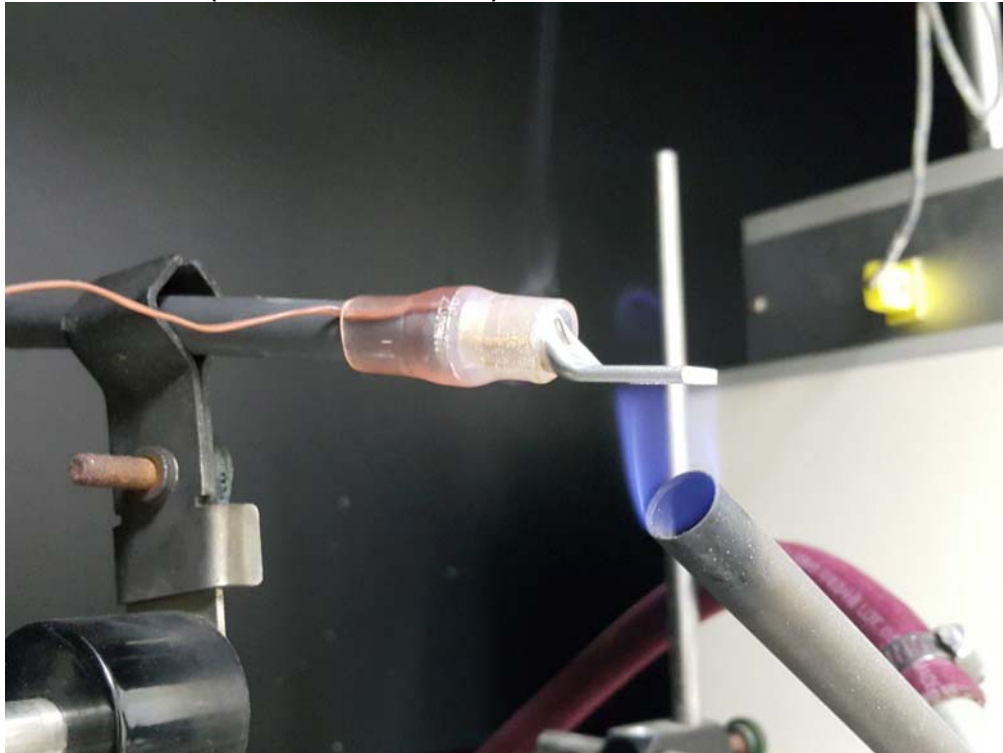
< Photo 4 > General PVC CAP (The time of transform)



< Photo 5 > General PVC CAP (The time of carbonization)



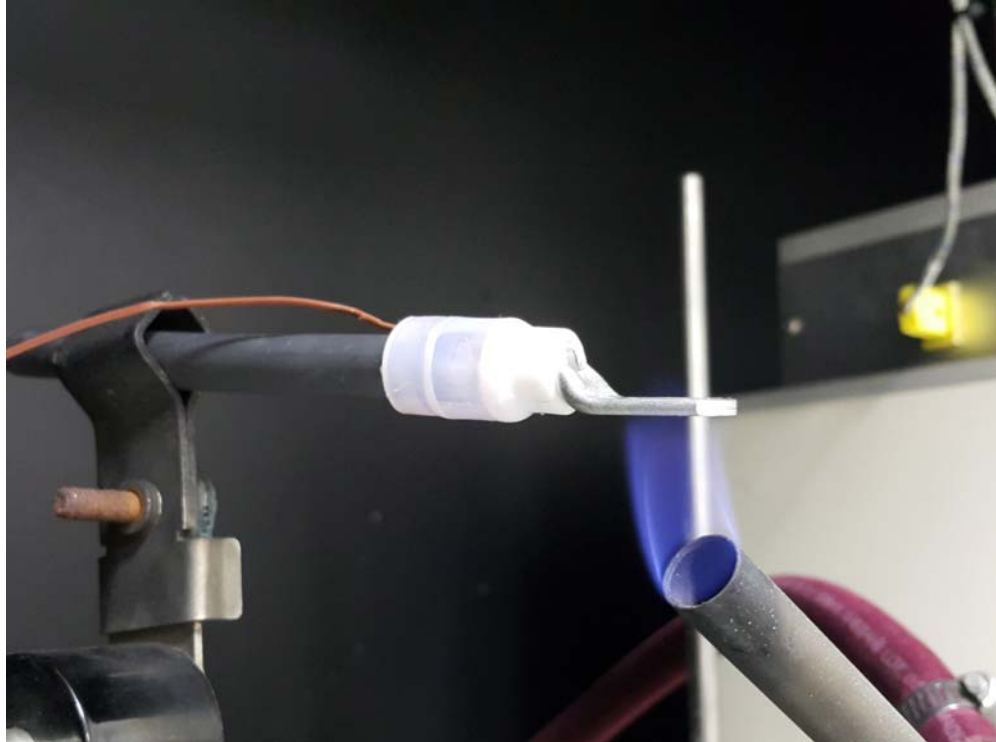
< Photo 6 > EYECAP-PVC (The time of transform)



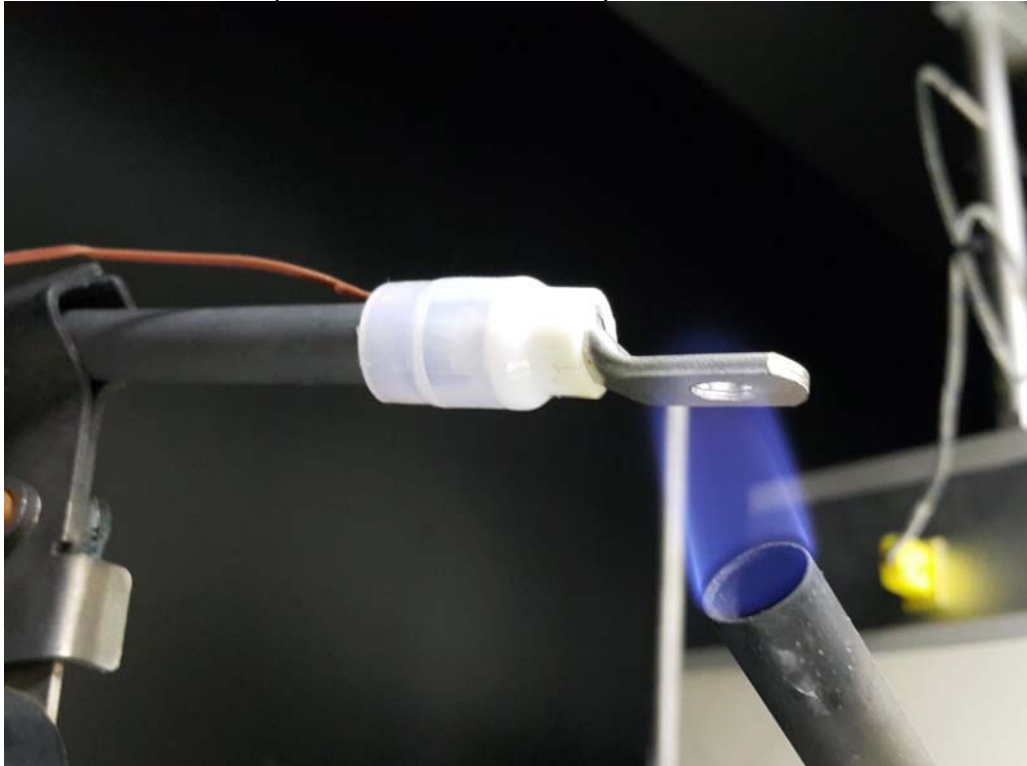
< Photo 7 > EYECAP-PVC (The time of carbonization)



< Photo 8 > EYECAP-SILICON (The time of transform)



< Photo 9 > EYECAP-SILICON (The time of carbonization)



2.3 Product photographs after test

< Photo 10 > General PVC CAP



< Photo 11 > EYECAP-PVC





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< Photo 12 > EYECAP-SILICON

