

TEST REPORT

No. : SHMR230200257201

Date : Mar 03, 2023

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CUSTOMER NAME: KAER TECHNOLOGY CO.,LTD
ADDRESS: NO.230,WEI 20TH ROAD,YUEQING ECONOMIC DEVELOPMENT ZONE,ZHEJIANG PROVINCE,CHINA

Sample Name : Wiring duct
Model No. : grey
Material No. : PVC

Above information and sample(s) was/were submitted and confirmed by the client. SGS, however, assumes no responsibility to verify the accuracy, adequacy and completeness of the sample information provided by client.

SGS Ref. No. : 16268673
Date of Receipt : Feb 20, 2023
Testing Start Date : Feb 20, 2023
Testing End Date : Mar 03, 2023
Test result(s) : For further details, please refer to the following page(s)
(Unless otherwise stated the results shown in this test report refer only to the sample(s) tested)

Signed for
SGS-CSTC Standards Technical
Services (Shanghai) Co., Ltd.

Xia Hai
Authorized signatory



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Summary of Results:

No.	Test Item	Test Method	Result	Conclusion
1	Vertical Burning	UL 94-2013 Rev.14-2022 Section 8	Classification : V-0	Pass

Note: Pass : Meet the requirements;
Fail : Does not meet the requirements;
/ : Not Apply to the judgment.



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Test Item: Vertical Burning

Sample Description: Grey plastic part

Test Method: UL 94-2013 Rev.14-2022 Section 8

Test Condition:

Specimen: 125 mm × 12.7 mm × 1.47 mm

Test Result:

Conditioning	As received : (23±2)°C, (50±5)%RH, 48h					Ageing: (70±2)°C, 168h→ Desiccator, (23±2)°C, 4h				
	1	2	3	4	5	1	2	3	4	5
Specimen										
After flame time after the first flame application (s), t ₁	0	0	0	0	0	0	0	0	0	0
After flame time after the second flame application (s), t ₂	0	0	0	2.7	0	1.3	4.4	0	0	0
Afterglow time after the second application (s), t ₃	0	0	0	0	0	0	0	0	0	0
Total after flame time for any condition set (s), t ₁ +t ₂	2.7					5.7				
After flame time plus afterglow time after the second flame application (s), t ₂ +t ₃	0	0	0	2.7	0	1.3	4.4	0	0	0
Whether or not specimen burn up to the holding clamp	No	No	No	No	No	No	No	No	No	No
Whether or not the cotton was ignited by flaming particles or drops	No	No	No	No	No	No	No	No	No	No

Classification: V-0 (See table 1)

Client's requirement: Classification: V-0

Conclusion: Pass



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Table 1

Criteria conditions	V-0	V-1	V-2
Afterflame time for each individual specimen t ₁ and t ₂	≤ 10s	≤ 30s	≤ 30s
Total afterflame time for any condition set (t ₁ plus t ₂ for the 5 specimens)	≤ 50s	≤ 250s	≤ 250s
Afterflame plus afterglow time for each individual specimen after the second flame application (t ₂ +t ₃)	≤ 30s	≤ 60s	≤ 60s
Afterflame or afterglow of any specimen up to the holding clamp	No	No	No
Cotton indicator ignited by flaming particles or drops	No	No	Yes

Note: Test specimens were cut from the sample.



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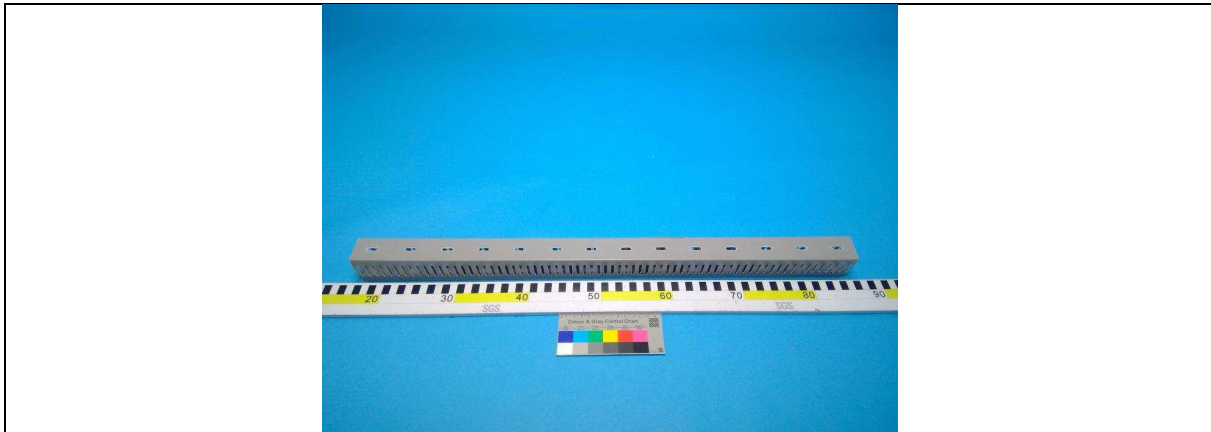
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Test Photo:



Original Sample A



Before test-As received



After test-As received



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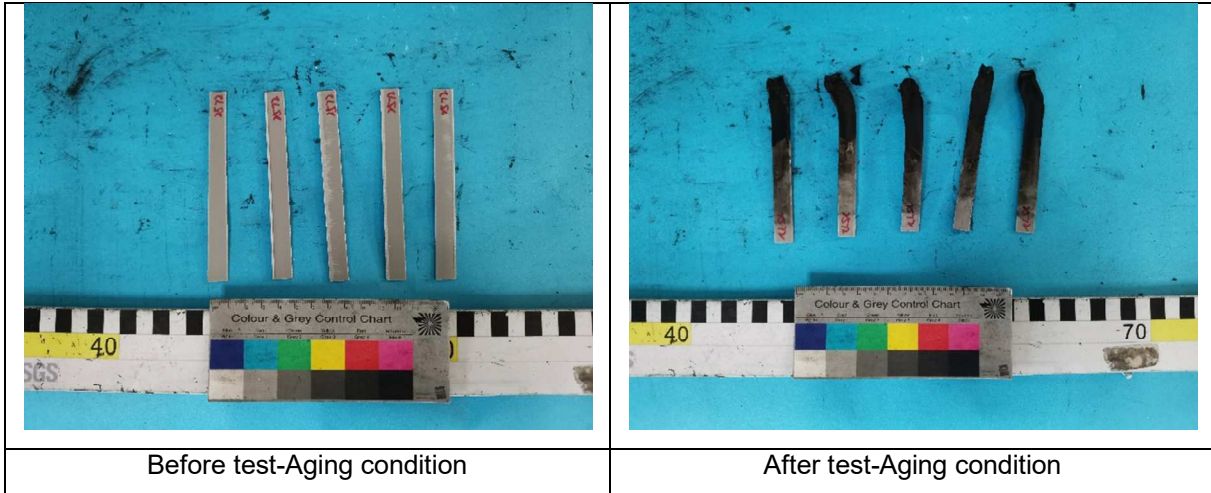
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Equipment Information:

Equipment	Brand	Model	Equipment No.	Calibration date	Next Calibration date
Horizon and vertical flame chamber	ATLAS	HVUL2	P-596	2022-6-14	2023-6-13
Oven	Binder	FED720	P-215	2022-6-17	2023-6-16

Appendix information:

In the territory of the People's Republic of China, the test report without CMA logo expresses the test report shall only be used for client scientific research, teaching, internal quality control, product research and development, etc., and just for client internal reference.

***** End of report*****



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