

- iv. any other rigid thermoplastic product, a specimen of which (at the thickness of the product as put on the market), when tested to **BS 2782-0** Method 508A, performs so that both:
- the test flame extinguishes before the first mark
 - the duration of flaming or afterglow does not exceed 5 seconds following removal of the burner.

TP(b)

- i. rigid solid polycarbonate sheet products a maximum of 3mm thick, or multi-skinned polycarbonate sheet products that do not qualify as TP(a) by test
- ii. other products which, when a specimen of the material between 1.5 and 3mm thick is tested in accordance with **BS 2782-0** Method 508A, have a maximum rate of burning of 50mm/minute.

STATEMENTS:

This declaration of conformity is only based on the result of this laboratory activity, the impact of the uncertainty of the results was not included.

The test results only to the ignitability of the sample or combination of materials under the particular condition of test. They are not intended as a means of assessing the full potential fire hazard of the materials or products in use.

The specimen was supplied by the sponsor and SGS-CSTC ANJI Branch was not involved in any selection or sampling procedure.

Remark: The test method is not in CMA accredited scope, The test report shall only be used for client internal reference.

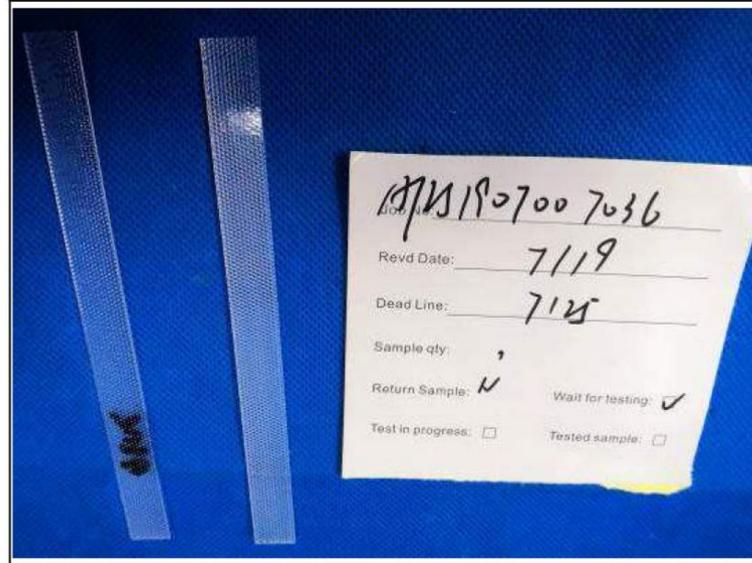
To be continued...



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Photo Appendix:



SGS authenticate the photo on original report only

End of Report



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Test Report

No. AJFS1907007036FF

Date: JUL.26, 2019

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PINGHU JIZHAN PLASTIC TECHNOLOGY CO., LTD.

NO.41, WANGJIABANG, CAOQIAO, PINGHU, JIAXING CITY, ZHEJIANG

The following sample(s) was / were submitted and identified on behalf of the client. SGS is not responsible for the authenticity, integrity and results of the data and information and / or the validity of the conclusion. results apply to the sample as received.

Sample Name: GPPS DIFFUSER

SGS Ref No.: 14720883

Model No.: PS570

Sample Reference Information: 512, 512A, 567, 569, 504, 511, 508, 103, 125, 102, 502

Test Requested:

BS 2782-0:2011 Method 508A -- Methods of testing Plastics —Part 0: Introduction – 508A: Rate of burning laboratory method (obsolescent)

Test Results: -- See attached sheet --

Classification: When assessed in accordance with the criteria specified in Appendix B of the Building Regulations 2019, Approved Document B "Fire Safety". The product, as tested, is classified as "TP(a)".

Test Period:

Sample Receiving Date : JUL.19, 2019

Test Performing Date : JUL.19, 2019 TO JUL.25, 2019

Signed for and on behalf of
SGS-CSTC Co., Ltd. Anji Branch

Allen Zou
Lab Manager



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SGS-CSTC Inspection & Testing Services Co., Ltd.
Anji Branch Hardware

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I. Test conducted

This test was conducted in accordance with BS 2782-0:2011 Method 508A -- Methods of testing Plastics —Part 0: Introduction – 508A: Rate of burning laboratory method (obsolescent).

II. Details of tested specimen

Sample description	GPPS DIFFUSER
Color	Transparent
Size of sample	150mm×12.3mm×1.0mm

III. Test results

Specimen No.	1	2	3
Whether the flame front passed the 25mm mark (first mark) / (Yes/No)	No	No	No
Whether the flame front passed the 125mm mark (second mark) / (Yes/ No)	No	No	No
Elapsed time for two marks, t / (s)	NA	NA	NA
Damaged Length, L / (mm)	NA	NA	NA
Burning rate, V / (mm/min)	0	0	0
Afterflame time (s)	0	0	0
Afterglow time (s)	0	0	0

Remark: NA=Not applicable

Burning rate: $V=60L/t$

V is the burning rate in mm/minute

L is the damaged length, in millimeters

t is time, in seconds

The classification requirements in Appendix B of the Building Regulations 2019, Approved

Document B “Fire Safety”:

TP(a) rigid:

- i. rigid solid uPVC sheet
- ii. solid (as distinct from double- or multi-skinned) polycarbonate sheet a minimum of 3mm thick
- iii. multi-skinned rigid sheet made from uPVC or polycarbonate that has a class 1 rating when tested to **BS 476-7**

To be continued...



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