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FACTORY 202,THE FIRST INDUSTRIAL ZONE B1-2,BAIHUA COMMUNITY,GUANGMINGSTREET,
GUANGMING DISTRICT,SHENZHEN CITY

Sample Description : PA1053A

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SGS Ref No. : GZIN2103014133PC

Sample Receiving Date : Mar.23, 2021

Test Performing Date : Mar.23, 2021 to Mar.31, 2021

Test Result Summary

Test(s) Requested	Result(s)
BS 2782-0:2011 Methods of testing plastics – Part 0: Introduction – Annex B(informative) Method 508A: Rating of burning, laboratory method (obsolescent) And the classification requirement is referred to the Building Regulations 2010, Approved Document B(2019 edition), Volume 1& Volume 2 Appendix B, B13.	The submitted sample meets the Classification of TP(a) rigid.

Summary:

1. For further details, please refer to the following page(s).

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

Ada

scan to see the report

SDFS2103001574FF

Ada Liu
Approved signatory

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TESTS AND RESULTS

Test Method:
BS 2782-0:2011–Methods of testing plastics–Part 0: Introduction–Annex B
Method 508A: Rating of burning, laboratory method (obsolescent)

Test Results:
Direction: Parallel

Specimen no.	Whether the flame to travel the 25mm mark (first mark)	Whether the flame to travel the 125mm mark (second mark)	If 25mm mark (first mark) not reached		The burning rate (mm/min)	Comment	Result
			After flame time (s)	After glow time (s)			
1	No	No	0	0	N/A	#1	TP(a) rigid
2	No	No	0	0	N/A	#1	TP(a) rigid
3	No	No	0	0	N/A	#1	TP(a) rigid

Direction: Perpendicular

Specimen no.	Whether the flame to travel the 25mm mark (first mark)	Whether the flame to travel the 125mm mark (second mark)	If 25mm mark (first mark) not reached		The burning rate (mm/min)	Comment	Result
			After flame time (s)	After glow time (s)			
1	No	No	0	0	N/A	#1	TP(a) rigid
2	No	No	0	0	N/A	#1	TP(a) rigid
3	No	No	0	0	N/A	#1	TP(a) rigid

Remark:
#1 – the flame does not reach the 25mm mark;
#2 – the flame does not reach the 125mm mark but reach the 25mm mark;
#3 – the flame reaches the 25mm and 125mm marks;
N/A – Not applicable

检验检测专用章 Inspection & Testing Services
SGS-CSTC Standards Technical Services Co., Ltd. Shunde Branch

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The classification requirement is referred to Appendix B of the Building Regulations 2010, Approved Document B, (2019 edition), Volume 1& Volume 2, Appendix B, B13.

Thermoplastic materials may be classified TP(a) rigid or TP(b) according to the following methods:

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**

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.

Conclusion:

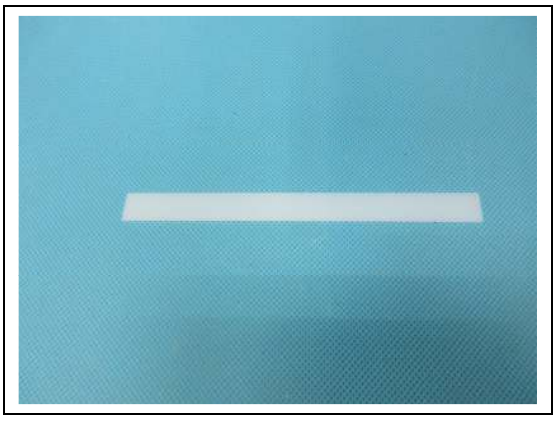
When assessed in accordance with the criteria specified in Appendix B, B13.of the Building Regulations 2010, Approved Document B(2019 edition), Volume 1 & Volume 2. the submitted sample meets the Classification of TP(a) rigid.

Statements:

These results relate only to the behaviour of the specimens of the product under the particular conditions of test; they are not intended to be the sole criterion for assessing the potential smoke obscuration hazard of the product in use.

SAMPLE INFORMATION AND PICTURES

Specimen size 150mm × 13.0mm× 1.0mm



End of Report

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