SGS

Material & Engineering Laboratory-Taichung

TEST REPORT

REPORT NO. TV-16-01216XA
PAGE NO. 1 OF 3
DATE Apr. 22, 2016

Applicant	PROWANG PLASTIC CO., LTD
Address	NO. 55, FENGTIAN RD., DAPI SHIANG, YUNLIN COUNTY 63147, TAIWAN
Product Description	PVC Corrugated Foam Board, PVC Corrugated Roof Board, PVC Foam Cladding Wall
Product Color	Silver White
Manufacturer	PROWANG PLASTIC CO., LTD
Supplier	PROWANG PLASTIC CO., LTD
Product Submitted By	PROWANG PLASTIC CO., LTD
Received Date	Mar. 29, 2016
Tested Date	Mar. 29, 2016~Apr. 22, 2016
Remark	The information mentioned in the above section is provided by Client (Exclude Date of Sample Received and Date of Testing)

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Test Item :

1. UL94 Flammability Test
2. Flammability Test

Test Method :

1. UL94 (2013) Test for Flammability of Plastic Materials for Parts in Devices and Appliances
2. CNS7614(1994)Method of Test for Flammability of Thin Material

Test Result :

- PLEASE SEE ATTACHED SHEETS -

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The required specification(s) offered in this test report is/are for reference only.
The conformity judgment is at the Applicant's final verdict.

Signed for and on behalf of
SGS TAIWAN Ltd.

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TEST REPORT

REPORT NO. TV-16-01216XA
PAGE NO. 2 OF 3
DATE Apr. 22, 2016

Test Item：UL94 Flammability Test

Test Result：

Conditioning 1：(23±2℃ and 50±5% R.H for 48 hours)：

Criteria conditions	Specimen					Requirements		
	1	2	3	4	5	V-0	V-1	V-2
Thickness(mm)	5.48	5.21	5.38	5.48	5.46	-	-	-
After flame time for each individual specimen t_1(sec)	0	0	0	0	0	≦10sec	≦30sec	≦30sec
After flame time for each individual specimen t_2(sec)	0	0	0	0	0	≦10sec	≦30sec	≦30sec
Total after flame time (t_1 plus t_2 for the 5 specimens) (sec)	0					≦50sec	≦250sec	≦250sec
After flame plus afterglow time for each individual specimen after the second flame application(t_2+t_3) (sec)	0	0	0	0	0	≦30sec	≦60sec	≦60sec
After flame or afterglow of any specimen up to the holding clamp	No	No	No	No	No	No	No	No
Cotton indicator ignited by flaming particles or drops	No	No	No	No	No	No	No	YES

Conditioning 2：(70±1℃ for 168 hours , Cooling 4h at Room temp.)：

Criteria conditions	Specimen					Requirements		
	1	2	3	4	5	V-0	V-1	V-2
Thickness(mm)	5.41	5.45	4.48	5.52	5.24	-	-	-
After flame time for each individual specimen t_1(sec)	0	0	0	0	0	≦10sec	≦30sec	≦30sec
After flame time for each individual specimen t_2(sec)	0	0	0	0	0	≦10sec	≦30sec	≦30sec
Total after flame time (t_1 plus t_2 for the 5 specimens) (sec)	0					≦50sec	≦250sec	≦250sec
After flame plus afterglow time for each individual specimen after the second flame application(t_2+t_3) (sec)	0	0	0	0	0	≦30sec	≦60sec	≦60sec
After flame or afterglow of any specimen up to the holding clamp	No	No	No	No	No	No	No	No
Cotton indicator ignited by flaming particles or drops	No	No	No	No	No	No	No	YES

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PAGE NO. 3 OF 3
DATE Apr. 22, 2016

Test Item：Flammability Test

Test Result：

Test Item	Test Method	Result	Specified		
Flammability Test	CNS 7614(1994) Method A	-----	Anti-Flaming Grade 1	Anti-Flaming Grade 2	Anti-Flaming Grade 3
Flame heating time (sec)		10	-----	-----	-----
Remaining Flame(sec)		0.0	≦1	≦5	≦5
Afterglow(sec)		0.0	≦60	≦60	≦60
Length of Carbonization(cm)		3.5	≦5	≦10	≦15

Note：1.UL94 Flammability Test is subcontracted to SGS M&E Laboratory-Taipei.
2.Flammability Test specimen average thickness:5.2mm
3.This Test Report is an additional original report of TV-16-01216X, Issued date : Apr. 22, 2016.

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The conformity judgment is at the Applicant's final verdict.

Signed for and on behalf of
SGS TAIWAN Ltd.

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