

TEST REPORT



REPORT NO. : HV-14-03197X

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REPORT DATE : Jun. 24, 2014

HOMESUN TECHNOLOGY LTD.

5F., NO117, NANSHI SEC. 2, ZHONGFENG RD., PINGZHEN CITY, TAOYUAN COUNTY
324, TAIWAN(R.O.C)

The following merchandise was submitted and identified by the vendor as :

Product Description : Home Sun Technology Foam Microwave Absorbers

Manufacturer/Vendor : Home Sun Technology Ltd.

Country of Origin : TAIWAN

We have tested the submitted sample(s) as requested and the following results were obtained :

Test Required : (According to client's test specification, please see following sheets in detail.)

Horizontal Burning Foamed Material Test

Test Result :

-PLEASE SEE ATTACHED SHEETS-

Date of Receive : JUNE 05, 2014

Date of Testing : JUNE 05, 2014 ~ JUNE 19, 2014



Signed for and on behalf of
SGS Taiwan Ltd.

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Horizontal Burning Foamed Material Test

Test Equipment :

Name	Brand	Model
150mm Dial Calipers	Mitutoyo	505-681
Horizon Vertical Flame Chamber	ATLAS	HVUL2

Lab Environmental Conditions :

Ambient temperature : 23±2°C
 Relative humidity : 50±5%RH

Test Method :

UL 94 (1996) Test for Flammability of Plastic Materials for Parts in Devices and Appliances

Test Condition :

Conditioning 1 : Specimens are to be preconditioned at 23±2°C and 50±5% percent relative humidity for 48 hours
 Conditioning 2 : Specimens are to be preconditioned in an air-circulating oven for 168 hours at 70±1°C and then cooled in the desiccator for at least 4 hours at room temperature

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Test Data :

Conditioning 1(Temperature 23±2°C , Relative humidity 50±5%, 48 hours)

Test Items	Specimen 1	Specimen 2	Specimen 3	Specimen 4	Specimen 5	Requirement
Thickness(mm)	10.08	9.76	9.92	9.58	9.37	-
A burning rate over a 100 mm span for specimens(mm/min) (The flame front passed the 25mm mark)	0	0	0	0	0	Note 1
Whether or not the flame front passed the 125mm marks	No	No	No	No	No	Note 2

Conditioning 2(Temperature 70±1°C , 168 hours, Cooled 4 hours at room temperature)

Test Items	Specimen 1	Specimen 2	Specimen 3	Specimen 4	Specimen 5	Requirement
Thickness(mm)	9.94	9.86	9.54	9.62	9.73	-
A burning rate over a 100 mm span for specimens(mm/min) (The flame front passed the 25mm mark)	0	0	0	0	0	Note 1
Whether or not the flame front passed the 125mm marks	No	No	No	No	No	Note 2

Note : Materials classified HBF

1. Not have any specimens with a burning rate exceeding 40 mm per minute over a 100 mm span, or
2. Have each specimen cease to burn before flaming or glowing reaches the 125 mm gauge mark.

Test Result :

Test data is compliant with the requirements of UL 94 Horizontal Burning Foamed Material Test.

Material & Engineering Laboratory-Taipei

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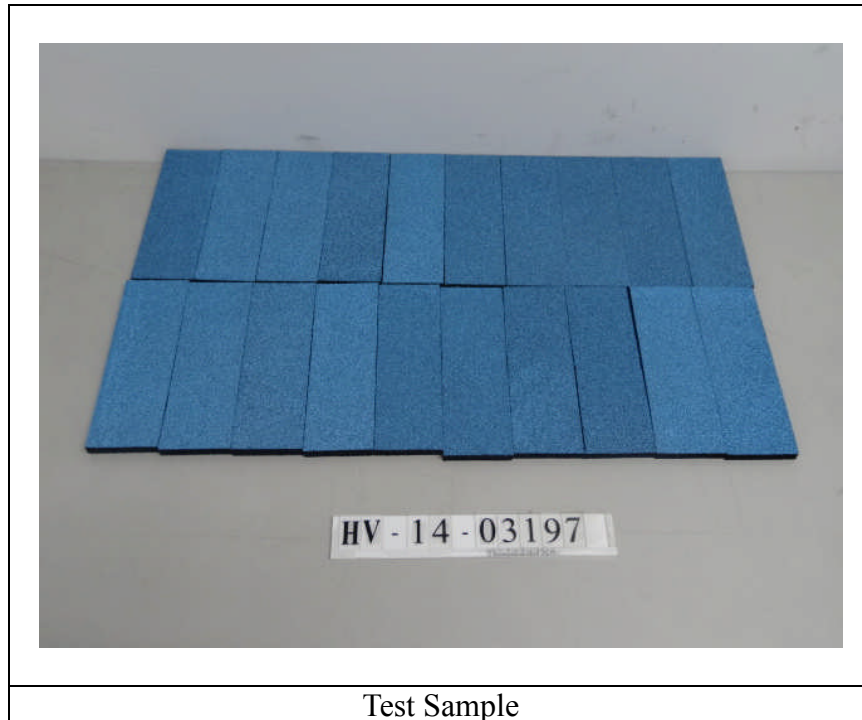


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Test Photo :



Test Sample

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