



Material & Engineering Laboratory-Taipei

## TEST REPORT



REPORT NO. : HV-17-03221

PAGE : 1 OF 4

REPORT DATE : Jun. 29, 2017

### Power Stone Interior Design CO. LTD.

No.4, Lane 14, Rensiao Rd., Renwu Dist., Kaohsiung City 81458, Taiwan

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

Product Name : Power stone combined multi-slot board

Manufacturer : Power Stone Interior Design CO. LTD.

Supplier : Power Stone Interior Design CO. LTD.

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.)

Flammability Test

Test Result :

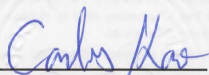
-PLEASE SEE ATTACHED SHEETS-

Date of Receive : JUNE 19, 2017

Date of Testing : JUNE 19, 2017 ~ JUNE 27, 2017

Remark : The sample was transferred by SGS M&E Laboratory-Kaohsiung.

(Application No. KV-17-05700. Received date: June 13, 2017) for the testing item(s) as below  
to be performed in SGS M&E-Laboratory-Taipei.

  
Signed for and on behalf of  
SGS Taiwan Ltd.

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REPORT NO. : HV-17-03221  
PAGE : 2 OF 4  
REPORT DATE : Jun. 29, 2017

#### Flammability Test

##### Test Equipment :

Name	Brand	Model
150 mm Dial Caliper	MITUTOYO	505-681
Horizon Vertical Flame Chamber	ATLAS	HVUL2

##### Lab Environmental Conditions :

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

##### Test Method/ Specification :

Ref. to UL94 (2013) 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% relative humidity for 48 hours  
Conditioning 2 : Specimens are to be preconditioned in an air-circulating oven for 168 hours at 70±2°C and then cooled in the desiccator for at least 4 hours at room temperature

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### TEST REPORT



REPORT NO. : HV-17-03221

PAGE : 3 OF 4

REPORT DATE : Jun. 29, 2017

Test Data :

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

Criteria conditions	Specimen					Requirements		
	1	2	3	4	5	V-0	V-1	V-2
Thickness(mm)	2.52	2.56	2.60	2.54	2.57	-	-	-
Afterflame time for each individual specimen t1(Sec)	0.7	0.8	0.8	0	0.7	≤10	≤30	≤30
Afterflame time for each individual specimen t2(Sec)	1.3	1.0	0.9	1.4	1.0	≤10	≤30	≤30
Total afterflame time (Sec) (t1 plus t2 for the 5 specimens)	8.6					≤50	≤250	≤250
Afterflame plus afterglow time for each individual specimen after the second flame application(t2+t3) (Sec)	1.3	1.0	0.9	1.4	1.0	≤30	≤60	≤60
Afterflame 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(Temperature 70±2°C, 168 hours, Cooled 4 hours at room temperature)

Criteria conditions	Specimen					Requirements		
	1	2	3	4	5	V-0	V-1	V-2
Thickness(mm)	2.55	2.56	2.58	2.55	2.58	-	-	-
Afterflame time for each individual specimen t1(Sec)	0.7	0.8	0.8	1.0	0.7	≤10	≤30	≤30
Afterflame time for each individual specimen t2(Sec)	0.9	1.1	1.2	0.9	0.8	≤10	≤30	≤30
Total afterflame time (Sec) (t1 plus t2 for the 5 specimens)	8.9					≤50	≤250	≤250
Afterflame plus afterglow time for each individual specimen after the second flame application(t2+t3) (Sec)	0.9	1.1	1.2	0.9	0.8	≤30	≤60	≤60
Afterflame 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

Test Result :

Test data is compliant with the V-0 requirements of UL 94 20mm Vertical Burning Test.

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## TEST REPORT

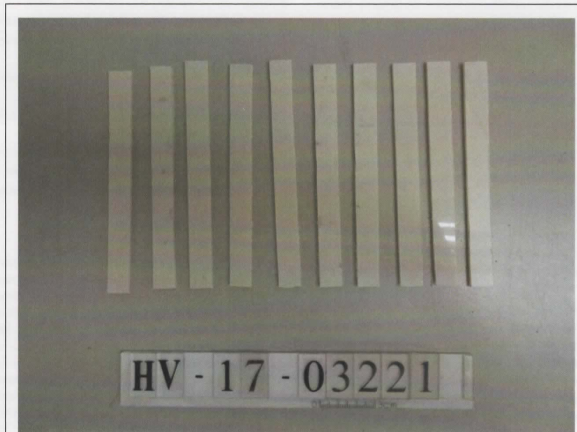


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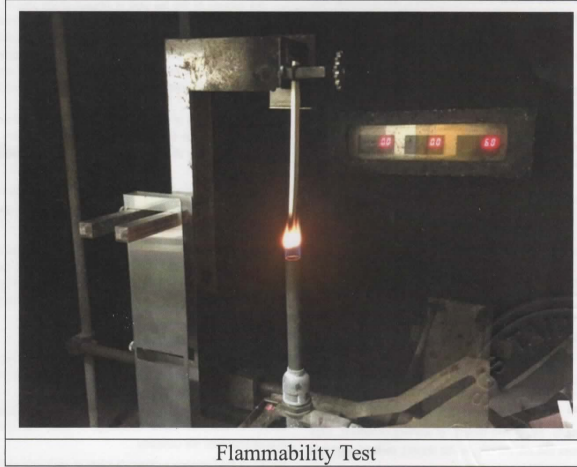
PAGE : 4 OF 4

REPORT DATE : Jun. 29, 2017

Test Photo :



Test Sample



Flammability Test

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