# TEST REPORT

**No. : SHCCM160200602**
**Date : Mar. 09, 2016**
**Page: 1 of 4**

[redacted]

The following sample(s) was/ were submitted and identified on behalf of the client as:

| | | |
|---|---|---|
| Sample Name | : | PET ACOUSTIC PANEL |
| Sample Number | : | SHCCM160200602 |
| Test Required | : | Sound absorption coefficient |
| Test Method | : | ISO 354:2003 |
| Product specification | : | 2440x1220x9mm |
| Manufacturer | | [redacted] |
| Date of Receipt | : | Feb. 23, 2016 |
| Test Period | : | Feb. 23, 2016 to Mar. 09, 2016 |
| Test result(s) | : | For further details, please refer to the following page(s) |

******** To be continued********

Signed for SGS-CSTC Standards
Technical Services (Shanghai) Co., Ltd.

Erin Huang
Authorized signatory

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# TEST REPORT

**No. : SHCCM160200602**
**Date : Mar. 09, 2016**


I. Test method

EN ISO 354:2003 Acoustics-Measurement of sound absorption in a reverberation room

II. Sample Details

| | |
|---|---|
| Sample Specification | 2440mmx1220mmx9mm |

Remark: the above details are provided by client for reference.

III. Test condition

| | | | |
|---|---|---|---|
| Ambient temperature | 15℃ | Relative humidity | 67% |
| Volume reverberation room | 273$m^3$ | Test area | 10.08$m^2$,<br>with back airspace of 200mm. |

IV. Test result

Noise Reduction Coefficient: NRC=0.85

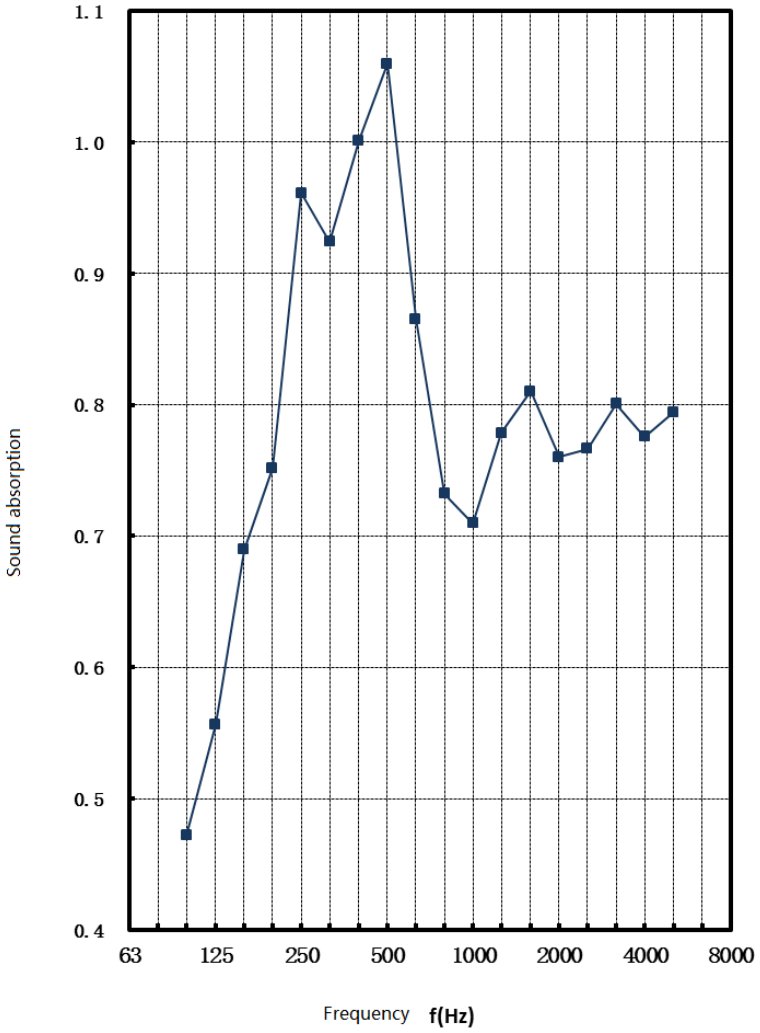
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# TEST REPORT



| *f* Hz | $\alpha_s$ |
|---|---|
| 50 | / |
| 63 | / |
| 80 | / |
| 100 | 0.47 |
| 125 | 0.56 |
| 160 | 0.69 |
| 200 | 0.75 |
| 250 | 0.96 |
| 315 | 0.92 |
| 400 | 1.00 |
| 500 | 1.06 |
| 630 | 0.87 |
| 800 | 0.73 |
| 1000 | 0.71 |
| 1250 | 0.78 |
| 1600 | 0.81 |
| 2000 | 0.76 |
| 2500 | 0.77 |
| 3150 | 0.80 |
| 4000 | 0.78 |
| 5000 | 0.79 |
| NRC | 0.85 |




Note: The test was carried out by external laboratory assessed as competent.

Statement: Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

******** To be continued********

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# TEST REPORT



Sample photo:



******** End of report ********

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