

TEST REPORT

No. : GZIN1605019986ML

Date : May 23, 2016

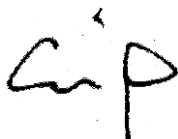
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CUSTOMER NAME: GUANGZHOU RE-CHENG HARDWARE MANUFACTURING CO., LTD
ADDRESS: ROOM 2408-2409, FENGXING PLAZA PART B, NO.242 TIANHE ROAD,
TIANHE DISTRICT, GUANGZHOU

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

Sample Name : GAS HINGE
SGS Ref. No. : SDHL1605007467FT
Product No. : HG1112.C0.48
Date of Receipt : May 11, 2016
Testing Start Date : May 11, 2016
Testing End Date : May 23, 2016
Test result(s) : For further details, please refer to the following page(s)

Signed for
SGS-CSTC Standards Technical
Services Co., Ltd. GZ Branch Testing
Center



Shining Chan
Authorized signatory



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Test Result Summary

| Test(s) Requested | Result(s) |
|--|-----------|
| Hinge durability test with reference to clause 5.5.4 of QB/T 2189-2013 | PASS |

TESTS AND RESULTS

Test Conducted:

Hinge durability test with reference to clause 5.5.4 of QB/T 2189-2013 –Hardware for furniture — Strength and durability of hinges and their components — Hinges pivoting on a vertical axis.

General Test Condition:

The following test program was conducted in a laboratory environment maintained at 15°C to 25°C and 50±5% RH. The sample was individually tested after conditioning in the test environment for at least 24 hours prior to conducting the test.

The complete detailed procedures may be found in the referenced specification and are only summarized herein. Unless otherwise specified, the tests are carried out in the following order on the same sample.

No. of Sample:

1 set (Sample 1). For more sample information and pictures, please refer to the following page.

| Test and Requirements | Test Results |
|--|--|
| <p>Hinge durability test</p> <p>Attach two masses, 1 kg each, and one on each side of the door at the middle of the vertical centerline. Fully open the door to a maximum of 100 and fully close it for the number of cycles (back and forth), without forcing built-in stops in the open position. The door shall be gently opened and closed at each cycle without forcing dampers and/or catch devices including self-opening and self-closing mechanisms. Approximately 3 s shall be used for opening and 3 s for closing the door. If the hinges have dampers and/or catch devices, including self-opening and self-closing mechanisms, these shall be allowed to operate correctly according to their function at each cycle.</p> <p>After the test, the hinges and their components shall fulfill their functions.</p> | <p>PASS</p> <p>Test cycles: 60000 cycles</p> |

Remark:

- The dimension of the testing door is 700mm L x 600mm W x 18mm T, weight: 5 kg;
- The total load 7 kg and the cyclic number 60000 were specified by the client;
- The above test was carried out by SGS internal laboratory.



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SAMPLE INFORMATION AND PICTURES

Weight: 105.6 g

Cup Dimensions: 35 mm

Other Dimensions: /

Sample as Received



View 1



Before test- View 2



Testing-View 3



After test- View 4

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



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