

Test Report

No.: 64.190.24.1517.01-00

Dated: 2024-08-28



Applicant: B.one Furniture Company Limited
Address: No.1&3 Youyi Road, Qinghutou, Tangxia Town, Dongguan City, Guangdong Province, China
Sample Submission: The samples were submitted by applicant and identified.
Product Name: Leisure sofa
Order No.: /
Identification/Style No.: L7112
Manufacturer: /
Country of Origin: /
Buyer: /
Buyer address: /
Export to: /
Receipt Date of Sample: 2024-06-24, 2024-07-25
Date of Testing: From 2024-06-24 to 2024-08-23
Test Result: Refer to the data listed in following pages

Test Specification(s) or Test Item(s):

1. ANSI/BIFMA X5.4-2020 Public and Lounge Seating

Conclusions:

Pass

Hardline Laboratory

TÜV SÜD Certification and Testing (China) Co., Ltd. Guangzhou Branch Testing Center

Tested By:

Knight Li

Knight Li

Test Engineer

Reviewed By:

Adam Hou

Adam Hou

Designated Reviewer

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- (2) The results relate only to the items tested.
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Description of the test subject:

| | | |
|---|--|--|
| 1 | Product Description | Leisure sofa |
| 2 | Dimensions / Weight H x W x D (mm) / (kg) | 747 x 815 x 725mm / 24.1kg |
| Front view | | Side view |
|  | |  |
| Back view | | Bottom view |
|  | |  |

Sample preparation: the sample was stored in indoor ambient conditions for 24h

Test condition: 23°C 53%RH

Test Results:

1. ANSI/BIFMA X5.4-2020 Public and Lounge Seating

| Clause | Requirement -Test | Measuring result- Remark | Evaluation |
|--------|--|--------------------------|------------|
| 1 | Scope | | |
| 2 | Definitions | | |
| 3 | General | | |
| 4 | Classification and Applicable Tests | | / |
| 4.1 | Types of Public and Lounge Seating | | / |
| 4.1.1 | Single Seating | Single seating style A. | P |
| 4.1.2 | Multiple Seating | Single seating style A. | N/A |
| 4.2 | Test Schedule | | / |
| 5 | Backrest Strength Test - Horizontal - Static | | / |
| 5.4.1 | Back Strength Test - Horizontal Static - Functional Load | Fulfilled. | P |
| 5.4.2 | Back Strength Test - Horizontal Static - Proof Load | Fulfilled. | P |
| 6 | Backrest Strength Test - Vertical - Static | | / |
| 6.4.1 | Backrest Strength Test - Vertical Static - Functional Load | Fulfilled. | P |
| 6.4.2 | Backrest Strength Test - Vertical Static - Proof Load | Fulfilled. | P |
| 7 | Backrest Durability Test - Horizontal – Cyclic | Fulfilled. | P |
| 8 | Backrest Durability Test - Vertical – Cyclic | Fulfilled. | P |
| 9 | Arm Strength Test - Horizontal - Static | | / |
| 9.4.1 | Arm Strength Test Horizontal –Static - Functional Load | Fulfilled. | P |
| 9.4.2 | Arm Strength Test Horizontal – Static - Proof Load | Fulfilled. | P |
| 10 | Arm Strength Test - Vertical - Static | | / |
| 10.4.1 | Arm Strength Test Vertical – Static - Functional Load | Fulfilled. | P |
| 10.4.2 | Arm Strength Test Vertical – Static - Proof Load | Fulfilled. | P |
| 11 | Arm Durability Test for Multiple Seat Units - Horizontal – Cyclic | Single seating style A. | N/A |
| 12 | Arm Durability Test for Multiple Seating Units - Vertical – Cyclic | Single seating style A. | N/A |
| 13 | Arm Durability Test for Single Seat Units - Angular – Cyclic | Fulfilled. | P |
| 14 | Seating Durability Tests – Cyclic | Fulfilled. | P |
| 15 | Drop Test - Dynamic | | / |
| 15.4.1 | Drop Test – Dynamic - Functional Load | Fulfilled. | P |
| 15.4.2 | Drop Test – Dynamic - Proof Load | Fulfilled. | P |
| 16 | Leg Strength Test - Front and Side Application | | / |

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| Clause | Requirement -Test | Measuring result- Remark | Evaluation |
|------------|---|---------------------------------------|------------|
| 16.3.2.1 | Leg Strength Test -Front Load - Functional Load | Fulfilled. | P |
| 16.3.2.2 | Leg Strength Test -Front Load - Proof Load | Fulfilled. | P |
| 16.4.2.1 | Leg Strength Test - Side Load - Functional Load | Fulfilled. | P |
| 16.4.2.2 | Leg Strength Test - Side Load - Proof Load | Fulfilled. | P |
| 17 | Unit Drop Test – Dynamic | Fulfilled. | P |
| 18 | Caster/Unit Base Durability Test - Cyclic | | / |
| 18.1 | Caster/Unit Base Durability Test for Pedestal Base Units | Without pedestal base. | N/A |
| 18.2 | Caster/Unit Frame Durability Test for Units with Legs | Without casters. | N/A |
| 19 | Swivel Test – Cyclic | Not a swivel chair. | N/A |
| 20 | Tilt/rocker/glider Mechanism Test – Cyclic | Without tilt/rocker/glider mechanism. | N/A |
| 21 | Stability Tests | | / |
| 21.3 | Stability Test - Rear Stability for Non-tilting Units | Fulfilled. | P |
| 21.4 | Stability Test - Rear Stability Test for Tilting Units | Non-tilting Unit. | N/A |
| 21.5 | Stability Test - Front Stability for Units Less than 36.3 kg (80 lbs.) | Fulfilled. | P |
| 21.6 | Stability Test - Front Stability for Units Greater Than or Equal to 36.3kg | Less than 36.3 kg (80 lbs.) | N/A |
| 22 | Tablet Arm Load Ease Test – Cyclic | Without tablet arm. | N/A |
| 23 | Tablet Arm Load Test – Static | Without tablet arm. | N/A |
| 24 | Structural Durability Test – Side-to-Side - Cyclic | Fulfilled. | P |
| 25 | Cycle Tests for Recliners - Backrest and/or Legrest Mechanism Durability | Not recliners. | N/A |
| 26 | Legrest Strength Test | Without legrest. | N/A |
| 27 | Footrest Static Load Test for Stools - Vertical | Without footrest. | N/A |
| 28 | Footrest Durability Test for Stools - Vertical | Without footrest. | N/A |
| Appendix M | Structural Durability Test – Front-to-Back – Cyclic - Informative | Fulfilled. | P |

Remark:

1. Abbreviation: P=Pass; F=Fail; N/A=Not Applicable; N/T=Not Tested; N/R=Not Requested.
2. The test results exclusively based on the submitted samples.
3. Clause(s) with the symbol “/” in the result refers to the result(s) of this sub-clause(s).
4. Specific requirement of test report as per clause 7.8.3 of CNAS-CL01-2018 or other accreditation scheme, such as: remark of subcontract information or on-site testing information.

Disclaimer Measurement Uncertainty:

Unless otherwise agreed upon, Pass or Fail verdicts are given based on the measured values without any considerations of measurement uncertainties.

Please note, every test method has a measurement uncertainty which has been evaluated by the laboratory according to ISO/IEC 17025 requirements.

By taking measurement uncertainties into account it might happen that measured values can neither be assessed as PASS nor as FAIL.

-End of Test Report-