

Test Report

No.: 64.190.24.1515.01-00

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
Date of Testing: From 2024-06-24 to 2024-07-12
Test Result: Refer to the data listed in following pages

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

Conclusions:

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

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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Description of the test subject:

1	Product Description	Leisure sofa
2	Dimensions / Weight H x W x D (mm) / (kg)	718 x 1990 x 745mm / 47.2kg
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	Multiple seating style A.	N/A
4.1.2	Multiple Seating	Multiple seating style A.	P
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	Fulfilled.	P
12	Arm Durability Test for Multiple Seating Units - Vertical – Cyclic	Fulfilled.	P
13	Arm Durability Test for Single Seat Units - Angular – Cyclic	Multiple seating.	N/A
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.)	Greater than 36.3 kg (80 lbs.)	N/A
21.6	Stability Test - Front Stability for Units Greater Than or Equal to 36.3kg	Fulfilled.	P
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-