

Test Report

No.: 64.190.23.1013.01-00

Dated: 2023-02-02



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 chair
Order No.: /
Identification/Style No.: D326
Manufacturer: /
Country of Origin: /
Buyer: /
Export to: /
Receipt Date of Sample: 2023-01-09
Date of Testing: From 2023-01-09 to 2023-01-31
Test Result: Refer to the data listed in following pages

Conclusions:

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

1. BIFMA X5.4 Public and Lounge Seating (Excluding Clause 21.5)

Pass

Hardline Laboratory

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

Tested By: Knight Li

Knight Li
Project Handler



Reviewed By: Rookie Wen

Rookie Wen
Designated Reviewer

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Page 1 of 4

Description of the test subject:

1	Product Description	Leisure chair
2	Dimensions / Weight	H x W x D (mm): 760 x 470 x 513 Weight (kg): 5.81
Front view		Side view
		
Back view		Bottom view
		

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

Test condition: 15~25°C 55~60%RH

Test Results:

1. BIFMA X5.4 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 C	P
4.1.2	Multiple Seating	Single seating	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	Thickness less than 50 mm	N/A
6.4.2	Backrest Strength Test - Vertical Static - Proof Load	Thickness less than 50 mm	N/A
7	Backrest Durability Test - Horizontal – Cyclic	Fulfilled.	P
8	Backrest Durability Test - Vertical – Cyclic	Thickness less than 50 mm	N/A
9	Arm Strength Test - Horizontal - Static		/
9.4.1	Arm Strength Test Horizontal –Static - Functional Load	Without arms.	N/A
9.4.2	Arm Strength Test Horizontal – Static - Proof Load	Without arms.	N/A
10	Arm Strength Test - Vertical - Static		/
10.4.1	Arm Strength Test Vertical – Static - Functional Load	Without arms.	N/A
10.4.2	Arm Strength Test Vertical – Static - Proof Load	Without arms.	N/A
11	Arm Durability Test for Multiple Seat Units - Horizontal – Cyclic	Without arms.	N/A
12	Arm Durability Test for Multiple Seating Units - Vertical – Cyclic	Without arms.	N/A
13	Arm Durability Test for Single Seat Units - Angular – Cyclic	Without arms.	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		/
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

Clause	Requirement -Test	Measuring result- Remark	Evaluation
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.)		N/T
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	Not Recliners	N/A
26	Legrest Strength Test	Not Recliners	N/A
27	Footrest Static Load Test for Stools - Vertical	With footrest	N/A
28	Footrest Durability Test for Stools - Vertical	With 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).

-End of Test Report-