



Greater China

Test Report No.: 68.190.20.4240.01-00
Dated: 2020-11-06

Applicant: B.one Furniture Company Limited
Address: No.3 Youyi road, Gaoli industry area, Qinghutou village, Tangxia Town, Dongguan city, Guangdong province
Sample Submission: The sample was submitted by applicant and identified.
Product Name: Barstool Chair
Order No.: ----
Identification/Style No.: D323W
Manufacturer: B.one Furniture Company Limited
Country of Origin: ----
Buyer: ----
Export to: ----
Receipt Date of Sample: 2020-10-16
Date of Testing: From 2020-10-16 to 2020-11-05
Test Result: Refer to the data listed in following pages

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

- 1. ANSI/BIFMA X5.1:2017 General-Purpose Office Chairs—Tests

Conclusions:

Pass

Hardline Laboratory

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

Tested By: Rookie Wen

Reviewed By: Harry Nie

Rookie Wen
Test Engineer

Harry Nie
Project Manager

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Description of the test subject:

1	Product Description	Barstool Chair
2	Dimensions / Weight	H x W x D (mm): 826~1021 x 635 x 635 Weight (kg): 10.09
3	Intended use	Office use
4	Product material	Metal, plastic, foam
Front view		Side view
		
Back view		Bottom view
		

Sample preparation: the sample was stored in indoor ambient conditions for 24h
 Test condition: 23~25°C 50~55%RH

Test Results:

1. ANSI/BIFMA X5.1:2017 General-Purpose Office Chairs—Tests

Clause	Requirement -Test	Measuring result- Remark	Verdict
1	Scope		/
2	Definitions		/
3	General		/
4	Type of Chairs	Type III	/
5	Backrest Strength Test - Static- Type I and II		N/A
	Functional Load	Force: 667N Time: 1min	N/A
	Proof Load	Force: 1001N Time: 1min	N/A
6	Backrest Strength Test - Static- Type III		P
	Functional Load	Force: 667N Time: 1min	P
	Proof Load	Force: 1001N Time: 1min	P
7	Drop test-Dynamic		P
	Functional Load Test	Drop weight: 102kg Drop height: 152mm	P
	Proof Load Test	Drop weight: 136kg Drop height: 152mm	P
8	Swivel test-Cyclic	Load: 122kg Cycles: 120000	P
9	Tilt Mechanism Test-Cyclic	Load: 109kg Cycles: 300000	N/A
10	Seating Durability Tests-Cyclic		P
	Impact Test	Impact weight: 57kg Cycles: 100000	P
	Front Corner Load-Ease Test – Cyclic – Off-center	Force: 890N Cycles: 20000/Corner	P
11	Stability Tests		P
	Rear Stability Test for Type III Chairs	In highest position: H=693mm F _R =98N F _U =165N In lowest position: H=500mm F _R =137N F _U =220N	P
	Rear Stability Test for Type I and II Chairs	Type III	N/A
	Front Stability Test	F=60N	P

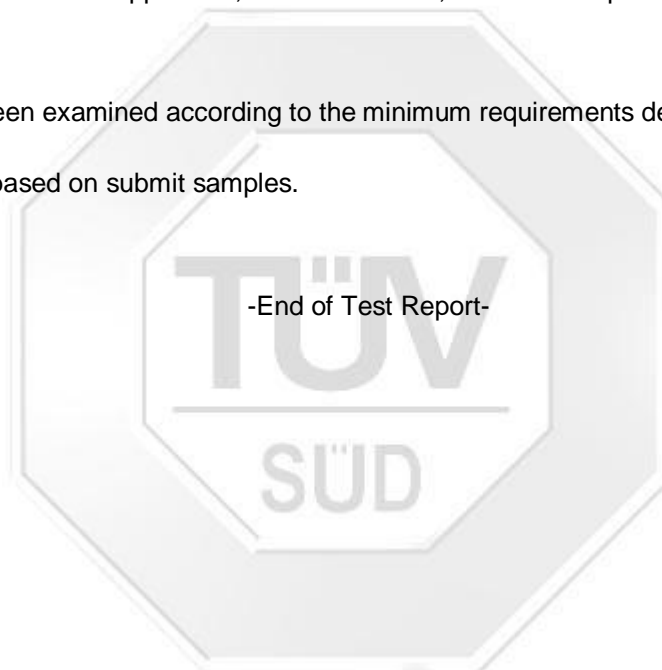
Clause	Requirement -Test	Measuring result- Remark	Verdict
12	Arm Strength Test - Vertical - Static		N/A
	Functional Load	Force: 750N Time: 1min	N/A
	Proof Load	Force: 1125N Time: 15s	N/A
13	Arm Strength Test - Horizontal - Static		N/A
	Functional Load	Force: 445N Time: 1min	N/A
	Proof Load	Force: 667N Time: 15s	N/A
14	Backrest Durability Test - Cyclic - Type I	Force: 445N Cycles: 120000	N/A
15	Backrest Durability Test - Cyclic - Type II and Type III	Force: 334N Cycles: 120000	P
16	Caster/Chair Base Durability Test - Cyclic	Loading: 122kg Cycles over the obstacles: 2000 Cycles on a smooth: 98000	P
17	Leg strength Test - Front and Side Application		N/A
	Front Load Test-Functional Load Test	Force: 334N Time: 1min	N/A
	Front Load Test-Proof Load Test	Force: 503N Time: 1min	N/A
	Side Load Test-Functional Load Test	Force: 334N Time: 1min	N/A
	Side Load Test-Proof Load Test	Force: 503N Time: 1min	N/A
18	Footrest Static Load Test - Vertical		P
	Functional Load	F: 890N Time: 1min	P
	Proof Load	F: 1334N Time: 1min	P
19	Footrest Durability Test - Vertical - Cyclic	F: 890N Cycles: 50000	P
20	Arm Durability Test - Cyclic	F: 400N Cycles: 60000	N/A
21	Out Stop Tests for Chairs with Manually Adjustable Seat Depth	Attached weight: 25kg Load: 74kg Cycles: 25 No manually adjustable seat	N/A

Clause	Requirement -Test	Measuring result- Remark	Verdict
22	Tablet Arm Chair Static Load Test	Load: 68kg Time: 1min	N/A
23	Tablet Arm Chair Load Ease Test - Cyclic	Load: 25kg Cycles: 100000	N/A
24	Structural Durability	Load: 109kg Force: 334N Cycles: 25000 With casters	N/A
Appendix C	Base Test - Informative	Force: 11120N Time: 1min	P

Abbreviation: P=Pass; N/A = Not Applicable; N/T=Not Tested; N/R=Not Requested

Remark:

1. The sample has been examined according to the minimum requirements described in the product standard.
2. All the tests were based on submit samples.



-End of Test Report-