

# Test Report

No.: 64.190.22.1297.01-00

Dated: 2022-04-29



Greater China

**Applicant:** Guangzhou Musen Furniture Co.,LTD  
**Address:** Floor 16th, Xingguang yinjing Building, No.117, Shuiyin Road, Guangzhou, China  
**Sample Submission:** The samples were submitted by applicant and identified.  
**Product Name:** Double Seat Hanging Chair  
**Identification/Style No.:** JT204  
**Order No.:** /  
**Manufacturer:** /  
**Address:** /  
**Country of Origin:** /  
**Buyer:** /  
**Export to:** /  
**Receipt Date of Sample:** 2021-11-15  
**Date of Testing:** From 2021-11-16 to 2021-12-20  
**Test Result:** Refer to the data listed in following pages

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

- EN 581-1: 2017 Outdoor furniture – Seating and tables for camping, domestic and contract use Part - 1: General safety requirements**
- EN 581-2: 2015+AC:2016 Outdoor furniture – Seating and tables for camping, domestic and contract use Part - 2: Mechanical safety requirements and test methods for seating – domestic use (Excluding Clause 8 & Annex B)**
- EN 1022: 2018 Furniture – Seating – Determination of Stability**

### Conclusions:

Pass

Pass

Pass

Hardline Laboratory

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

Tested By: \_\_\_\_\_

Reviewed By: \_\_\_\_\_

Tap Name here.

Project Handler

Tap Name here.

Designated Reviewer

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Description of the test subject:

1	<b>Product Description</b>	Double Seat Hanging Chair
2	<b>Dimensions / Weight</b>	W x D x H (mm): 1012 x 1280 x 2037 Weight (kg): 47.3
3	<b>Intended use</b>	Domestic use
Front view		Side view
		
Rear 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. EN 581-1: 2017 Outdoor furniture – Seating and tables for camping, domestic and contract use Part - 1: General safety requirements

Item	Requirement-test item	Result, Remark	Evaluation
5	Safety requirement	Fulfilled	P
5.1	General	Fulfilled	P
5.2	Tubular components	Fulfilled	P
5.3	Shear and squeeze points	Fulfilled	P

2. EN 581-2: 2015+AC:2016 Outdoor furniture – Seating and tables for camping, domestic and contract use Part - 2: Mechanical safety requirements and test methods for seating – domestic use

Item	Requirement-test item	Result, Remark	Evaluation
6	Safety, strength and durability requirements for loungers		N/A
7	Safety, strength and durability requirements for other seating		P
7.1	General	See EN581-1 result.	P
7.2	Stability, strength and durability		P
7.2.1	Test sequence and test parameters		
	Seat static load and back static load test EN 1728:2012, 6.4	Specified seat load: 1 600 N Load applied on seat not being tested: 750 N Specified backrest load: 410 N Minimum specified force F2 (back): 360 N Cycles: 10 Additional cycle 30 min±10 s	P
	Seat front edge static load EN 1728:2012, 6.5	Specified force: 1 300 N Seat load: 750 N Cycles: 10	P
	Combined Seat and back durability test EN 1728:2012, 6.17	Specified seat load: 1 000 N Seat load: 750 N Specified backrest load: 333 N Minimum specified force F4 (back): 300 N Cycles: 25 000	P
	Durability test on seating with a multi-position back rest EN 1728:2012, 6.19	Seat load: 750 N Specified force: 250 N Cycles: 10 000	N/A
	Arm rest static load test EN 1728:2012, 6.11	Vertical specified Force: 700 N Cycles: 10	N/A
	Arm rest durability test EN 1728:2012, 6.20	Specified force: 400 N Cycles: 10 000	N/A

Item	Requirement-test item	Result, Remark	Evaluation
	Leg forward static load test EN 1728:2012, 6.15	Seat load: 1 000 N Horizontal specified forces: 300 N Minimum specified force: 175 N Cycles: 10	P
	Leg sideways static load test EN 1728:2012, 6.16	Seat load: 1 000 N Horizontal specified forces: 300 N Minimum specified force: 175 N Cycles: 10	P
	Seat impact test EN 1728:2012, 6.24	Drop height: 180 mm Cycles: 10	P
	Foot rest static test EN 1728:2012, 6.8	Vertical specified force: 1 000N Cycles: 10	N/A
	Forward stability	See EN1022 result.	P
	Rearward stability	See EN1022 result.	P
	Sideways stability	See EN1022 result.	P
7.2.2	Requirements		P
8	Information for use	Not provided	N/T
8.1	General	Not provided	N/T
8.2	Marking for loungers		N/A
Annex A	Forward and sideways stability tests for loungers		N/A
A.1	Test procedure		/
A.1.1	Sideways stability	See clause 6.2.1 result.	N/A
A.1.2	Forward stability	See clause 6.2.1 result.	N/A
Annex B	Purchase information (guidelines)	No purchase information for use was provided.	N/T

**3. EN 1022: 2018 Furniture – Seating – Determination of Stability**

Item	Requirement-test item	Result, Remark	Evaluation
1	Scope		/
2	Normative references		/
3	Terms and definitions		/
4	General test conditions		/
5	Test equipment		/
6	Determination of seat and back loading points		/
7	Test methods for assessing stability of all seating except loungers		/
7.2	Requirements	No overturning was found during the test.	P
7.3.1	Forwards overturning	Fulfilled	P
7.3.2	Forwards overturning for seating with foot rest		N/A
7.3.3	Corner stability test		P

7.3.4	Sideways overturning, all seating without arm rests		P
7.3.5	Sideways overturning, all other seating		N/A
7.3.5.2	Seating with arm rests		N/A
7.3.5.3	Seating with raised side edges		N/A
7.3.6	Rearwards overturning all seating with back rests	Fulfilled	P
7.4	Additional test procedures for seating with reclining back rests		N/A
7.4.2	Tilting seating		N/A
7.4.3	Reclining seating with leg rest		N/A
7.4.4	Reclining seating without leg rest		N/A
7.4.5	Rearwards stability test for rocking chairs		N/A
8	Loungers		N/A
8.2	Requirements		N/A
8.3.1	Forwards overturning		N/A
8.3.2	Sideways overturning		N/A

**Remark:**

1. Abbreviation: P=Pass; F=Fail; N/A=Not Applicable; N/T=Not Tested; N/R=Not Requested.
2. The test results exclusively base on the submitted samples.
3. The test data is extracted from report 64.190.21.1909.01-00 issued on 2021-12-24, and only the information of applicant and address were modified.

-End of Test Report-