

Test Report

No.: SHHL2302006781FT

Date: APR. 03, 2023

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NOTIO LIVING A/S
 NYGADE 12 HOLSTEBRO 7500 DENMAK

The following sample(s) was/were submitted and identified by the client as:

Sample Description : LUND SOFA 3PL ELEK
 Style/ Item No. : /
 Buyer : NOTIO LIVING
 Manufacturer : ZHEJIANG AOLI INTELLIGENT TECHNOLOGY CO., LTD
 Country of Origin : /
 Country of Destination : DENMARK
 Sample Receiving Date : FEB. 23, 2023
 Testing Period : FEB. 23, 2023 TO APR. 03, 2023
 Test Performed : SELECTED TEST(S) AS REQUESTED BY APPLICANT
 Test Requested : PREN 17684-2022: FURNITURE - ELECTRICALLY OPERATED FURNITURE - STABILITY, STRENGTH, DURABILITY AND MECHANICAL SAFETY REQUIREMENTS - SEATING FOR DOMESTIC USE(EXCEPT FOR CLAUSE 4, 5.1, 6 & 7)
 Test Result(s) : FOR FURTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGE(S)
 Conclusion : THE SUBMITTED SAMPLE MET THE TEST REQUIREMENT.

Signed for and on behalf of
 SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.

scan to see the report

SHHL2302006781FT

Jack Zheng
 Authorized Signatory



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Test Conducted:

1.prEN 17684-2022: Furniture - Electrically operated furniture - Stability, strength, durability and mechanical safety requirements - Seating for domestic use

Test condition : All the physical tests were carried out on 20°C±5°C condition.

Nos. of Specimen : 1 pc.

Product Category : Domestic use

Test Result : PASS. Details shown as following table

Clause	Test Items	Result	Note
4	Hazard identification and risk assessment	N/C	# 1
5	Safety requirements and/or protective risk reduction measures	---	---
5.1	General	N/C	# 1
5.2	Loss of stability	---	---
5.2.1	General	Pass	# 2
5.2.2	Seating	---	---
5.2.2.2	Seating for domestic use	Pass	# 3
5.3	Edges, shear and compression	---	---
5.3.2	Edges and holes	---	---
5.3.2.1	Edges	Pass	---
5.3.2.2	Holes in tubular/rigid components	Pass	---
5.3.3	Shear and compression	Pass	---
5.4	Strength and durability	---	---
5.4.2	Seating	---	---
5.4.2.2	Seating for domestic use	Pass	# 4 & # 5
6	User manual	---	---
6.1	General	N/C	# 1
6.2	Warnings	N/C	# 1
6.3	User instructions	N/C	# 1
6.4	Assembly and installation instructions	N/C	# 1
6.5	Maintenance Instructions	N/C	# 1
7	Marking	N/C	# 1



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Table 1 EN 1022:2018 Furniture – seating – determination of stability (EN 12520:2015 Clause 5.3)

Clause	Test Items	Result	Note
7	Test Procedure for assessing stability of all seating except loungers		
7.3.1	Forwards overbalancing	Pass	---
7.3.2	Forwards overturning for seating with foot rest	N/A	# 6
7.3.3	Corner stability test	Pass	---
7.3.4	Sideways overbalancing, all seating without arms	N/A	# 6
7.3.5	Sideways overbalancing, all other seating		
7.3.5.2	Seating with arm rests	Pass	---
7.3.5.3	Seating with raised side edges	N/A	# 6
7.3.6	Rearwards overbalancing, all seating with backs	Pass	---
7.4	Additional test procedures for seating with reclining back rests		
7.4.2	Tilting seating	N/A	# 6
7.4.3	Reclining seating with leg rest	Pass	---
7.4.4	Reclining seating without leg rest	N/A	# 6
7.4.5	Rearwards stability test for rocking chairs	N/A	# 6

Table 2 Seating tested for strength and durability according to and in the order given in below table and in accordance with the test conditions contained in EN1728:2012. (EN 12520:2015 Cause 5.4)

Clause	Test Items	Result	Note
6.4	Seat static load and back static load test	Pass	---
6.5	Seat front edge static load	Pass	---
6.8	Foot rest static load test	N/A	# 6
6.10	Arm rest sideways static load test	Pass	---
6.11	Arm rest downwards static load test	Pass	---
6.17	Combined seat and back durability test	Pass	---
6.18	Seat front edge durability test	Pass	---
6.20	Arm rest durability test	Pass	---
6.15	Leg forward static load test	Pass	---
6.16	Leg sideways static load test	Pass	---



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6.28	Backwards fall test	N/A	# 6
6.25	Back impact test	Pass	---

Table 3 EN 13759: 2012 Furniture - Operating Mechanisms For Seating And Sofa-Beds - Test Methods

Clause	Test Items	Result	Note
5.2	Durability test	---	---
5.2.2	Furniture not occupied during operation of mechanism	Pass	---
5.2.3	Furniture occupied during operation of the mechanism	Pass	---

- Notes :
- # 1- N/C means not conducted as per client request.
 - # 2- Clause 4 and prEN IEC 60335-2-116:2022, 20.1 was not conducted.
 - # 3- Test according to EN 1022:2018 Furniture – seating – determination of stability (EN 12520:2015 Clause 5.3). Test results see table 1.
 - # 4- Test according to EN 1728:2012 Furniture-Seating-Test methods for determination of strength and durability (EN 12520:2015 Clause 5.4). Test results see table 2.
 - # 5- Test according to EN 13759: 2012 Furniture - Operating Mechanisms For Seating And Sofa-Beds - Test Methods. Test results see table 3
 - # 6- N/A means not applicable to this product design.



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Sample Photo:

Received sample (view 1)



Received sample (view 2)



End of Report



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