

TEST REPORT

APPLICANT : Shijiazhuang Dudao Trading Co., Ltd
ADDRESS : D8-1-1303, Boya Shengshi Chang'an District, Shijiazhuang City
SAMPLE DESCRIPTION : Hippo Lounge Chair
ITEM NUMBER : D0012
COUNTRY OF ORIGIN : China
MANUFACTURER : DOHAUS

*****The above information is provided by the customer*****

SAMPLE RECEIVED DATE : 19-Nov-2024
TURN AROUND TIME : 19-Nov-2024 to 3-Dec-2024

The following test item(s) was/were performed on submitted sample(s) and/or component(s) confirmed by applicant

TEST REQUESTED	TEST METHOD/REGULATION	RESULT
Furniture — Strength, durability and safety— Requirements for non-domestic seating	BS EN 16139: 2013	PASS (except clause 7)
Furniture-Seating-Determination of stability	BS EN 1022:2023	PASS

Contact information customer service: Rita.Yue@cpt.eurofinscn.com

***** FOR FURTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGE(S) *****

Signed for and on behalf of
Eurofins Product Testing Service (Changzhou) Co., Ltd



Jack Ma
Hardline lab manager



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SAMPLE PHOTO(S)



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TEST RESULT

BS EN 16139: 2013 Furniture — Strength, durability and safety— Requirements for non-domestic seating

- 1). Test level: 2
- 2). Number of sample: 1 piece
- 3) Test result: details as following tables

Clause	Test Items /Requirement	Rating
4	Safety	
4.1	<p>General</p> <p>The seating shall be so designed as to minimize the risk of injury to the user. All accessible parts shall be so designed that physical injury and damage are avoided.</p> <p>This requirement is met when:</p> <ol style="list-style-type: none"> a) Accessible corners are rounded or chamfered; b) The edges of the seat, back rest and arm rests which are in contact with the user when sitting in the chair are rounded or chamfered; c) The edges of handles are rounded or chamfered in the direction of the force applied; d) All other edges are free from burrs and rounded or chamfered; e) The ends of hollow components are closed or capped. <p>Movable and adjustable parts shall be designed so that injuries and inadvertent operation are avoided.</p> <p>It shall not be possible for any load bearing part of the seating to come loose unintentionally.</p> <p>All parts which are lubricated to assist sliding shall be designed to protect users from lubricant stains when in normal use.</p>	PASS
4.2	Shear and squeeze points	
4.2.1	Shear and squeeze points when setting up and folding	PASS
4.2.2	Shear and squeeze points under influence of powered mechanism	N/A
4.2.3	Shear and squeeze points during use	PASS
4.3	Stability	
4.3.1	<p>General</p> <p>The seating shall not overturn under the following conditions:</p> <ol style="list-style-type: none"> a) By pressing down on the front edge of the seat surface in the median plane; b) By applying a load on the seat surface via the front corner; c) By leaning sideways on an item of seating with or without arm rests; d) By leaning against the back rest; e) By sitting on the front edge of the seat; f) By loading the foot rest. 	PASS
4.3.2	<p>Swiveling chairs</p> <p>Requirement a) to e) are considered to be met if the seating complies with the relevant requirements of EN 1335-2.</p> <p>The requirement f) is considered to be met if the seating complies with BS EN 1022:2005, 6.3.</p>	N/A

TO BE CONTINUED

TEST RESULT

Clause	Test Items /Requirement	Rating
4.3.3	Non swiveling chairs Requirements a) to f) are considered to be met if the seating complies with BS EN 1022:2005.	PASS
4.4	Rolling resistance of the unloaded chair This subclause is only applicable to single seating units fitted with castors or wheels. The unloaded seating shall not roll unintentionally. This requirement is met when: —the rolling resistance is $\geq 12\text{N}$ when tested in accordance with EN 1335-3:2009,7.4; and —all castors are of the same type.	N/A
4.5	Safety of the construction The following tests described in clause 6, Table 1 are considered to be relevant to safety: Test No.: 1,2,4,6,7,8,9,10,12,13,14. Seating is considered to satisfy the safety requirements if, on completion of the relevant tests, the chair satisfies all requirements of clause 5.	PASS
5	Safety, strength and durability requirements	PASS
7	Information for use	N/C

Appendix 1: Furniture – Seating – Test methods for the determination of strength and durability (BS EN 1728:2012)

Clause	Test Items/ Requirement	Rating
Table 1 — Safety, strength and durability tests(1 of 2)		
Test No. 1	BS EN 1728, 6.4, Seat and back static load test	PASS
Test No. 2	BS EN 1728, 6.5, Seat front edge static load test	PASS
Test No. 3	BS EN 1728, 6.6, Vertical static load on back	PASS
Test No. 4	BS EN 1728, 6.8 and 6.9, Foot rest and leg rest static load test	N/A
Test No. 5	BS EN 1728, 6.10, Arm sideways static load test	N/A
Test No. 6	BS EN 1728, 6.11, Arm downwards static load test	N/A
Test No. 7	BS EN 1728, 6.13.1 and 6.13.2, Vertical upwards static load on arm rests	N/A
Test No. 8	BS EN 1728, 6.17, Seat and back durability test	PASS
Test No. 9	BS EN 1728, 6.18, Seat front edge durability test	PASS
Test No. 10	BS EN 1728, 6.20, Arm durability test	N/A
Test No. 11	BS EN 1728, 6.21, Foot rest durability test	N/A
Test No. 12	BS EN 1728, 6.15, Leg forward static load test	PASS
Test No. 13	BS EN 1728, 6.16, Leg sideways static load test	PASS
Test No. 14	BS EN 1728, 6.24, Seat impact test	PASS
Test No. 15	BS EN 1728, 6.25, Back impact test	PASS
Test No. 16	BS EN 1728, 6.26, Arm impact test	N/A
Test No. 17	BS EN 1728, 6.27.1, Drop test(multiple seating)	N/A
Test No. 18	BS EN 1728, 6.14, Auxiliary writing surface static load test	N/A

TO BE CONTINUED

TEST RESULT

Clause	Test Items/ Requirement	Rating
Test No. 19	BS EN 1728, 6.22, Auxiliary writing surface durability test	N/A

Appendix 2: Furniture-Seating-Determination of stability (BS EN 1022:2023)

Clause	Test Method / Requirements	Rating
7.1	General The stability tests defined in Clause 7 are not applicable to seating which has both the height of the seat loading point(6.4)< 200mm and a mass <5 kg , Position the seating on the floor(5.3) with its components as specified in Table 2	
7.2	Requirements When tested according to 7.3 and 7.4, the seating shall not overturn. Where loads are not specified in other standards the requirements contained in Table B.1 shall be used	PASS
7.3	Test procedures, all seating	
7.3.1	Forwards overturning	PASS
7.3.2	Forwards overturning for seating with foot rest	N/A
7.3.3	Corner stability test	PASS
7.3.4	Sideways overturning, all seating without arm rests	PASS
7.3.5	Sideways overturning, all other seating	
7.3.5.1	This test is applicable to all seating with arms, or where the top edge of the seat on the transverse plane is more than 50 mm above the height of the seat loading point (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 backrests	PASS
7.4	Additional test procedures for seating with reclining back rests	N/A
7.4.1	General	
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	
8.1	General	
8.2	Requirements When tested according to 8.3, the seating shall not overturn. Where loads are not specified in other standards the requirements contained in Table B.2 shall be used	N/A
8.3	Test procedures	
8.3.1	Forwards overturning	N/A
8.3.2	Sideways overturning	N/A
8.3.3	Rearwards stability – Upright position	N/A
8.3.4	Rearwards stability – Recline position	N/A

Note:

- 1) N/A =Not applicable;
- 2) N/C= Not conducted due to without information provided.

END OF THE REPORT