

TEST REPORT

APPLICANT : PROCEED YOUR COMMERCE S.L.
ADDRESS : Poligono Industrial La Planiza s/n46726 Llocnou de Sant Jeroni (Valencia).Spain
SAMPLE DESCRIPTION : Dining Chair
ITEM NUMBER : MC-34120
NO. OF SAMPLE SUBMITTED : 1
COUNTRY OF ORIGIN : China
MANUFACTURER : Mar Furniture

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

SAMPLE RECEIVED DATE : 27-Feb-2025
SAMPLE RESUBMITTED DATE : 18-Mar-2025
TURN AROUND TIME : 27-Feb-2025 to 19-Mar-2025

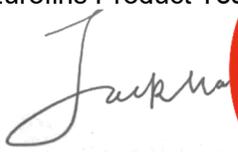
The following test item(s) was/were performed on submitted sample(s) and/or component(s) confirmed by applicant

TEST REQUESTED	TEST METHOD/REGULATION	RESULT
Furniture — Safety, Strength and durability — Requirements for domestic seating	EN 12520: 2024	PASS (except clause 6)
Furniture-Seating-Determination of stability	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)



EFCZ25020462-CG-01

TEST RESULT

EN 12520: 2024 Furniture — Safety, Strength and durability — Requirements for domestic seating

1. Height of seat: 460 mm;
2. Number of tested sample: 1 piece;
3. Test result: details as following tables

Clause	Test Items /Requirement	Result
5	Safety Strength and durability	
5.1	General safety requirements	PASS
5.1.1	<p>General</p> <p>The seating shall be designed so as to minimize the risk of injury to the user. All parts of the seating with which the user comes into contact during intended use when the seating is positioned in its intended configuration of use shall be designed so that physical injury and damage are avoided. This requirement is met when:</p> <p>a) the edges and corners of the seating which are directly in contact with the user are rounded or chamfered;</p> <p>b) all other edges and corners accessible during intended use are free from burrs and/or sharp edges. Movable and adjustable parts shall be designed so that injuries and inadvertent operation are avoided. Load bearing parts of the seating shall not become loose unintentionally. All parts that are lubricated to assist sliding shall be designed to protect users from lubricant stains when in normal use.</p>	PASS
5.1.2 Holes in tubular or rigid components	There shall be no holes in the ends of tubular components or holes in rigid components in accessible parts between 7 mm and 12 mm, unless the depth of penetration is less than 10 mm. This requirement is fulfilled if there is no hazard present when tested in accordance with C.1.	PASS
5.1.3	Shear and compression points	
5.1.3.1	<p>General</p> <p>The requirements contained within 5.1.3.2, 5.1.3.3 and 5.1.3.4 do not apply to electrically operated furniture. NOTE preparation. The requirements for electrically operated furniture will be provided in EN 17684, which is under preparation</p>	PASS
5.1.3.2	<p>Shear and compression points when setting up and folding</p> <p>Unless 5.1.3.3 or 5.1.3.4 are applicable, shear and compression points that are created only during setting up and folding are acceptable, because the user can be assumed to be in control of their movements and to be able to cease applying the force immediately upon experiencing pain. The edges of parts moving relative to each other and creating shear and compression points shall be as specified in 5.1.1.</p>	PASS
5.1.3.3	<p>Shear and compression points under influence of non-electrically powered mechanisms</p> <p>With the exception of operation of doors, laps and extension elements, there shall be no areas where the distance between two accessible parts moving relative to each other can be less than 25 mm, and more than 8 mm in any position during movement that could present a risk of injury to the user, created by parts of the furniture operated by non-electrically powered mechanisms, e.g. mechanical springs and gas lifts. This requirement is fulfilled if there is no hazard present when tested in accordance with C.2.3</p>	N/A

TO BE CONTINUED

TEST RESULT

Clause	Test Items /Requirement	Result
5.1.3.4	<p>Shear and compression points during use</p> <p>With the exception of operation of doors, flaps and extension elements, there shall be no areas where the distance between two accessible parts moving relative to each other can be less than 18 mm, and more than 8 mm in any position that could present a risk of injury to the user, created by loads applied during normal use, e.g. attempting to move the seating by lifting the seat or by adjusting the back rest when a person is sitting in the product. The loads used for durability tests within Table 1 are considered representative of normal use. This requirement is fulfilled if there is no hazard present when tested in accordance with C.2.3.</p>	PASS
5.2	<p>Stability</p> <p>The seating shall fulfil the relevant requirements of EN 1022:2023 after having completed the relevant tests listed in Table 1. In the case of seating, which might not fulfil the stability requirements before carrying out any tests, the applicable stability tests may be carried out before starting the sequence of tests specified in Table 1.</p>	PASS
5.3	<p>Strength and durability</p> <p>Seating shall be tested for strength and durability according to and in the order given in Table 1 and in accordance with the test conditions contained in EN 1728:2012. Tests no. 1, 2, 3.1, 3.2, 5, 6, 7, 8, 9, 10, 11, 12, 15 are considered to be relevant to safety.</p> <p>Seating with a seat and back made of one piece of flexible material suspended in the upper part of the back rest and the front of the seat shall be tested according to Annex D. For this type of seating, only the tests on seat shall be carried out.</p>	PASS
5.4	<p>Requirements</p> <p>a) The product shall comply with the applicable requirements in 5.1 before and after testing according to 5.3</p> <p>b) If the minimum forces given in any of the tests in Table 1 which are applicable, are not achieved, the product shall be considered to have failed the requirements. Table 1: The strength, durability and stability requirements are fulfilled when, after testing in accordance with</p> <p>c) there are no fractures of any member, joint or component;</p> <p>d) there is no loosening of joints intended to be rigid;</p> <p>e) seating fulfils its functions after removal of the test loads;</p> <p>f) seating fulfils the stability requirements (5.2).</p>	PASS
Table 1 — Tests and test sequence		
Test No. 1	EN 1728:2012, 6.4, Seat static load and back static load test	PASS
Test No. 2	EN 1728:2012, 6.5, Seat front edge static load test	PASS
Test No. 3.1	EN 1728:2012, 6.8 Foot rest static load test	N/A
Test No. 3.2	EN 1728:2012, 6.9 Leg rest static load test	N/A
Test No. 4	EN 1728:2012, 6.10, Arm rest sideways static load test	PASS
Test No. 5	EN 1728:2012, 6.11, Arm rest downwards static load test	PASS
Test No. 6	EN 1728:2012, 6.17, Combined seat and back durability test	PASS
Test No. 7	EN 1728:2012, 6.18, Seat front edge durability test	PASS

TO BE CONTINUED

TEST RESULT

Clause	Test Items /Requirement	Result
Test No. 8	Annex A: Seat side-to-side durability test	N/A
Test No. 9	EN 1728:2012, 6.20, Arm rest durability test	PASS
Test No. 10	EN 1728:2012, 6.15, Leg forward static load test	PASS
Test No. 11	EN 1728:2012, 6.16, Leg sideways static load test	PASS
Test No. 12	EN 1728:2012, 6.24, Seat impact test	PASS
Test No. 13	EN 1728:2012, 6.28, Backward fall test	PASS
Test No. 14	EN 1728:2012, 6.25, Back impact test	N/A
Test No. 15	EN 13759:2012 Durability of electrically operated seating products	N/A
6	Information for use Information for use shall be available in the language of the country in which it will be delivered to the end user. It shall contain at least the following details: a) information regarding the intended use (i.e. domestic use); b) assembly instructions, where applicable; c) instructions for the care and maintenance of the seating; d) if the seating is fitted with seat height adjustments with energy accumulators, an additional note is required pointing out that only trained personnel may replace or repair seat height adjustment components with energy accumulators.	N/C

Appendix 1: Furniture-Seating-Determination of stability (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	N/A
7.3.4	Sideways overturning, all seating without arm rests	N/A
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	PASS
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

TO BE CONTINUED

TEST RESULT

Clause	Test Method / Requirements	Rating
7.4.1	<p>General In addition to the tests in 7.3, seating with reclining back rests shall be subjected to the tests for tilting or reclining, as specified below provided their geometry falls within the reclining angle ranges defined for the appropriate tests.</p> <p>For seating with multiple reclining back rests the tests shall be carried out on two reclining positions simultaneously</p> <p>Seating with back rests permanently reclined which fall within the reclining angle ranges for reclining chairs, shall be tested as reclining chairs.</p> <p>The test shall be carried out with the seating in the fully tilted or reclined condition.</p> <p>γ is the angle between the seat and back. θ is the angle of inclination of the back from the horizontal</p> <p>For seating with shaped or padded seats or backs the load position template (5.2) shall be used to establish the relevant angles of inclination</p> <p>If the height of the stack of loading discs (5.7) used in tests 7.4.2, 7.4.3, 7.4.4 and 7.4.5 exceeds the height of the back rest, prevent the upper discs from sliding off by the use of the support (5.9).</p>	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	
8.1	<p>General The stability tests defined in Clause 8 are not applicable to loungers which have both a seat height < 200 mm and a mass < 5 kg. The height shall be determined by measuring from the floor to the upper surface of the seating area at the geometrical centre of the lounger loaded with 600 N applied vertically downward using the loading pad (5.5).</p> <p>Position the lounger on the floor (5.3) with its components as specified in Table 3.</p>	
8.2	<p>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</p>	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