

TEST REPORT

Address

Report on the submitted samples said to be:

Product Name: : Beach chair

Trade Mark

Model No. : TE-28CB

Manufacturer's name

Address

Sample Receiving Date : Jul. 01, 2025

Testing Period : Jul. 01, 2025 - Jul. 24, 2025

Remark:

- 1.Ambient Condition During Testing:(20~25)℃,(25~50)% RH.
- 2.All the tests were based on submit samples.

Test Result

Test Standards	Conclusion
EN 581-1:2017 Outdoor furniture - Seating and tables for camping, domestic and contract use - Part 1: General safety requirements	Pass
EN 581-2:2015 Outdoor furniture - Seating and tables for camping, domestic and contract use - Part 2: Mechanical safety requirements and test methods for seating	Pass

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Tested By
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miaolei cheng

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Approved by
(name+ signature)

bill lin

Bill Lin



EN 581-1:2017			
Clause	Requirement – Test	Result - Remark	Verdict
5	Safety requirements		---
5.1	General		P
	order to avoid physical injury when the product is in its intended position of use, all edges and corners shall be rounded, chamfered or otherwise protected. This applies to: - Tables: Table tops, any part of the underside of the top surface at a distance less than 500 mm from any edge below the table, where a knee and/or an arm can commonly access. All other parts shall be free from burrs, sharp edges and sharp points. Movable and adjustable parts shall be designed so that injuries and inadvertent operation are avoided. It shall not be possible for any load bearing part of the furniture to come loose unintentionally. All parts which are lubricated to assist sliding shall be designed to protect users from lubricant stains when in normal use.		P
5.2	Tubular components		P
	There shall be no accessible holes in the ends of tubular components with a diameter between 7 mm to 12 mm and with a depth more or equal to 10 mm. The bottom of tubular legs in contact with the floor shall be closed or capped, however, holes in them are allowed as long as they are not between 7 and 12 mm.		P
5.3	Shear and squeeze points		P
5.3.1	Shear and squeeze points when erecting, adjusting and folding away		P
	Unless 5.3.2 or 5.3.3 are applicable, shear and squeeze points that are created only during erecting, adjusting or folding away are acceptable providing the user can be assumed to be in control of his/her movements and to be able to cease applying the force immediately on experiencing pain.		P
5.3.2	Shear and squeeze points under the influence of powered mechanisms		N/A
	There shall be no accessible shear and squeeze points created by parts of the furniture operated by powered mechanisms, e.g. mechanical springs and gas lifts.		N/A
5.3.3	Shear and squeeze points during use		P
	There shall be no accessible shear and squeeze points created by loads applied during normal use. Shear and squeeze points are not acceptable if there is a risk of injury created by the weight of the user during normal movements and actions, e.g. attempting to move the seating by lifting the seat or by adjusting the backrest. For tables, the loads applied during normal use are the loads used for the following mechanical tests in Table 1 of EN 581-3:2007: — Test 1: Vertical static load on main surface; — Test 4: Vertical static load on ancillary surface; — Test 5: Horizontal durability test.		P

Reference is made to annexes A + B in EN 581-1:2017.

EN 581-2:2015			
Clause	Requirement – Test	Result - Remark	Verdict
6	Safety, strength and durability requirements for loungers		---
6.1	General		N/A
	Before and after the strength, durability and stability tests are carried out, the EN 581-1 requirements shall be fulfilled.		N/A
6.2	Stability, strength and durability		N/A
6.2.1	Test sequence and parameters		N/A
	The lounge shall be tested following the order listed in Table 1		N/A
6.2.2	Requirements		N/A
	The safety, strength and durability requirements are fulfilled after testing in accordance with Table 1 when: a) there are no fractures of any joint, member or component, b) there is no loosening of joints intended to be rigid, c) the lounge fulfils its function after removal of the test loads, d) the product shall not overturn when subjected to the stability tests.		N/A
7	Safety, strength and durability requirements for other seating		---
7.1	General		P
	Before and after the strength, durability and stability tests are carried out, the requirements of EN 581- 1 shall be fulfilled.		P
7.2	Stability, strength and durability		P
7.2.1	Test sequence and parameters The seating shall be tested for strength, durability and stability following the order listed in Table 2.		P
7.2.2	Requirements		P
	The safety, strength and durability requirements are fulfilled after testing in accordance with Table 2 when: a) there are no fractures of any joint, member or component, b) there is no loosening of joints intended to be rigid, c) the seating fulfils its function after removal of the test loads, d) the seating fulfils the safety requirements, e) the product shall not overturn when subjected to the stability tests.		P
8	Information for use		N/T
9	Test report		N/T

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

Table 1 — Test sequence and test parameters for other seating

Test level: Camping

Clause	Test Items/ Requirement	Test parameters	Rating
1	EN 1728:2012, 6.4 Seat static load and back static load test	Specified seat load, 1100N Load applied on seat not being tested, 750N Cycles 10 Additional cycle 30 min $\pm$ 10 s	P
2	EN 1728:2012, 6.5 Seat front edge static load	Specified force, 1100 eat load, 750 Cycles 10	P
3	EN 1728:2012, 6.17 combined Seat and back durability test	Specified seat load, 1000N Seat load, 750N Specified backrest load, 250N Minimum specified force F4 (back),220 N Cycles 125000	P
4	EN 1728:2012, 6.19 Durability test on seating with a multi-position back rest	Seat load, 750N Specified force, 190N Cycles 5000	N/A
5	EN 1728:2012, 6.11 Arm rest static load test	Vertical specified Force,- N	N/A
6	EN 1728:2012, 6.20 Arm rest durability test	Specified force, 400N 5000Cycles	N/A
7	EN 1728:2012, 6.15 Leg forward static load test	Seat load, 750N Horizontal specified forces, 250N Minimum specified force, 150N 10 Cycles	P
8	EN 1728:2012, 6.16 Leg sideways static load test	Seat load, 750N Horizontal specified forces, 200N Minimum specified force, 150N 10Cycles	P
9	EN 1728:2012, 6.24 Seat impact test	Drop height, 140mm 10Cycles	P
10	EN 1728:2012, 6.8 Foot rest static test	Vertical specified force, N 10 Cycles	N/A
11	EN 1022:2023, Forward stability		P
12	EN 1022:2023, Rearward stability		P
13	EN 1022:2023, Sideways stability		P

ATTACHMENT: REAL PHOTOS OF EUT

Photo. 1



Photo. 2



Photo. 3



Photo. 4

***** END OF THE REPORT *****