

# TEST REPORT

**APPLICANT** : Mid Ocean Brands B.V.

**ADDRESS** : Unit 201, 2/F, Laford Centre, 838 Lai Chi Kok  
Road, Cheung Sha Wan, Kowloon, Hong  
Kong

**SAMPLE DESCRIPTION** : Beach chair with neck pillow

**ITEM NO** : IT2797,MO7676

**SAMPLE RECEIVED DATE** : 06-Jun-2017

**TURN AROUND TIME** : 06-Jun-2017 to 13-Jun-2017

**TEST REQUESTED** : Selected test(s) as requested by client

**TEST METHOD** : Please refer to next page(s)

**TEST RESULTS** : Please refer to next page(s)

The following test item(s) was/were performed on selected sample(s) and/or component(s) appointed by applicant.

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

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



Joyce Liu  
Lab Manager

*Results obtained refer only to samples, products or material received in Laboratory, as described in point related to sample description, and tested in conditions shown in present report. Eurofins Product Testing Service (Shanghai) Co., Ltd ensures that this job has been performed according to our Quality System and complying contract and legal conditions. If you happen to have any comments, please do it by sending email to [sh.info@eurofins.com](mailto:sh.info@eurofins.com) and referring to this report number. Reproduction of this document is only valid if it is done completely and under the written permission of Eurofins Product Testing Service (Shanghai) Co., Ltd.*

**SAMPLE PHOTO**



**EFSH17060309-CG-01**

\*\*\*TO BE CONTINUED\*\*\*

## REFERENCE SAMPLE PHOTOS



The reference sample(s) has not been tested in current report, but according to customer's request, the picture has also been included. For sample tested in current report, please refer to "Test sample photo".

\*\*\*TO BE CONTINUED\*\*\*

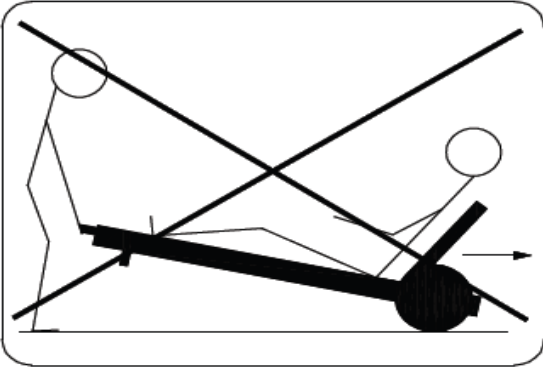
## TEST RESULT

**Test Conducted:**
**Outdoor furniture -- Seating and tables for camping, domestic and contract use -- Part2: Mechanical safety requirements and test methods for seating (EN 581-2:2015)**

- 1). Test level: Camping
- 2). Height of the seating: 120mm
- 3). Number of tested sample: 1 Piece
- 4). Test result: details as following tables

Clause	Test Items / Requirement	Rating
6	Safety, strength and durability requirements for loungers	
6.1	General 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	
6.2.1	Test sequence and parameters The lounge shall be tested following the order listed in Table 1.	N/A
6.2.2	Requirements 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 Before and after the strength, durability and stability tests are carried out, the requirements of EN 581-1 shall be fulfilled.	Pass (See Appendix1)
7.2	Stability, strength and durability	
7.2.1	Test sequence and parameters The seating shall be tested for strength, durability and stability following the order listed in Table 2.	Pass (See Appendix3)

Clause	Test Items / Requirement	Rating
7.2.2	<p>Requirements</p> <p>The safety, strength and durability requirements are fulfilled after testing in accordance with Table 2</p> <p>when:</p> <ul style="list-style-type: none"> <li>a) there are no fractures of any joint, member or component,</li> <li>b) there is no loosening of joints intended to be rigid,</li> <li>c) the seating fulfils its function after removal of the test loads,</li> <li>d) the seating fulfils the safety requirements,</li> <li>e) the product shall not overturn when subjected to the stability tests.</li> </ul>	<p>Pass (See Appendix3)</p>
8	Information for use	
8.1	<p>General</p> <p>Instruction for use shall be provided in the language(s) of the country where the seating are sold. These instructions shall be headed "IMPORTANT, RETAIN FOR FUTURE REFERENCE: READ CAREFULLY" in letters no less than 5 mm high, unless if the following information are permanently marked on the product.</p> <p>It shall contain at least the following details:</p> <ul style="list-style-type: none"> <li>a) name and address of the manufacturer/supplier/retailer;</li> <li>b) conditions for use of the product (domestic, camping or contract).</li> </ul> <p>If applicable:</p> <ul style="list-style-type: none"> <li>c) assembly instructions;</li> <li>d) instructions for the care and maintenance of the seating;</li> <li>e) 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.</li> </ul>	<p>Pass</p>

Clause	Test Items / Requirement	Rating
8.2	<p>Marking for loungers</p> <p>Loungers equipped with wheels, but not intended to be lifted and moved with a person in it shall be permanently marked with the pictogram as shown in Figure 2. The smallest dimension of the pictogram shall not be less than 25 mm.</p>  <p style="text-align: center;"><b>Figure 2 — Pictogram</b></p>	N/A

**Appendix 1: Outdoor furniture -- Seating and tables for camping, domestic and contract use -- Part 1. General safety requirements (EN 581-1:2017):**

Clause	Test Method/Requirement	Rating
5	Safety requirements	
5.1	General	Pass
5.2	Tubular components.	Pass
5.3	Shear and squeeze points	
5.3.1	Shear and squeeze points when erecting, adjusting and folding away	Pass
5.3.2	Shear and squeeze points under the influence of powered mechanisms	N/A
5.3.3	Shear and squeeze points during use	Pass

**Appendix 2 Test results of loungers (according to EN 581-2: 2015, EN 1022:2005 determination of stability and EN1728:2012 Furniture –seating-test methods for the determination of strength and durability)**

Clause	Test Items/ Requirement	Rating
Table 1 — Test sequence and test parameters for loungers		
1	EN 1728:2012, 8.2 Seat and back static load test	N/A
2	EN 1728:2012, 8.3 Additional seat and leg rest static load test	N/A
3	EN 1728:2012, 8.4.1 Seat and back durability test	N/A
4	EN 1728:2012, 8.4.2 Additional seat durability test	N/A
5	EN 1728:2012, 8.5 Durability test on back rest mechanism	N/A
6	EN 1728:2012, 8.6 Arm rest static load test	N/A
7	EN 1728:2012, 8.7 Arm rest durability test	N/A
8	EN 1728:2012, 8.8 Impact test	N/A
9	EN 1728:2012, 8.9 Lifting test for mobile loungers	N/A
10	A.1.2 Forward stability	N/A

Clause	Test Items/ Requirement	Rating
11	EN 1022:2005, Rearward stability 6.6 for upright position and 7.5 for most reclined position	N/A
12	A.1.1 Sideways stability	N/A

**Appendix 3 Test results of seating (according to EN1728:2012 Domestic furniture –seating-test methods for the determination of strength and durability and EN 1022:2005 determination of stability)**

Clause	Test Items/ Requirement	Rating
Table 2 — Test sequence and test parameters for other seating		
1	EN 1728:2012, 6.4 Seat static load and back static load test	Pass
2	EN 1728:2012, 6.5 Seat front edge static load	Pass
3	EN 1728:2012, 6.17 combined Seat and back durability test	Pass
4	EN 1728:2012, 6.19 Durability test on seating with a multi-position back rest	N/A
5	EN 1728:2012, 6.11 Arm rest static load test	N/A
6	EN 1728:2012, 6.20 Arm rest durability test	N/A
7	EN 1728:2012, 6.15 Leg forward static load test	Pass
8	EN 1728:2012, 6.16 Leg sideways static load test	Pass
9	EN 1728:2012, 6.24 Seat impact test	Pass
10	EN 1728:2012, 6.8 Foot rest static test	N/A
11	EN 1022:2005, Forward stability	N/A
12	EN 1022:2005, Rearward stability	Pass
13	EN 1022:2005, Sideways stability	N/A

**Note:**

N/A=Not applicable.

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