

Report ID: 338110  
Date of sample receipt: 02/11/22  
Date of issue: 09/11/22

YUCEL BAHCE MOBILYALARI SANAYI VE TIC.  
A.S.  
OSB. 5 BOLGE 83528 NOLU CAD. NO: 4/1  
27620 GAZIANTEP  
TR - TURKEY

Sample name: MOON chair

## SAMPLE N° 338110

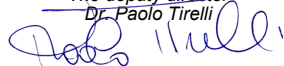
Overall dimensions: 610 x 575 x 840 (h) mm

### List of test reports:

1. Outdoor furniture - General safety requirements EN 581-1:2017
2. Seat and back static load test EN 1728:2012+AC:2013
3. Seat and back fatigue test EN 1728:2012+AC:2013
4. Seat impact test EN 1728:2012+AC:2013
5. Stability EN 1022:2018, clause 7.3



*This document is part of a PDF file digitally signed by Paolo Tirelli.*

The deputy director  
Dr. Paolo Tirelli  


The sample name and, when relevant, its description, are given by the orderer, and CATAS does not assume responsibility on this matter. This test report relates to the sample submitted for the test and no others. Additions, deletions or alterations are not permitted. This test report must always be reproduced in its entirety. Unless otherwise required by standards and technical specifications or agreed with the customer, any declarations of conformity made by CATAS are based on the comparison between results and reference values, where the confidence intervals of the measures are not taken into account. Unless otherwise stated, sampling is made by the customer; in this case the test results are referred to the sample as received.

## SAMPLE N° 338110

Date of issue: 09/11/22  
Sample weight: Not determined  
Sample name: MOON chair



Side view



Rear view



Bottom view

The sample name and, when relevant, its description, are given by the orderer, and CATAS does not assume responsibility on this matter. This test report relates to the sample submitted for the test and no others. Additions, deletions or alterations are not permitted. This test report must always be reproduced in its entirety. Unless otherwise required by standards and technical specifications or agreed with the customer, any declarations of conformity made by CATAS are based on the comparison between results and reference values, where the confidence intervals of the measures are not taken into account. Unless otherwise stated, sampling is made by the customer; in this case the test results are referred to the sample as received.

**TEST REPORT**

**338110 / 1**

Revision: 0  
Date of sample receipt: 02/11/22  
Date of test: 03/11/22  
Date of issue: 09/11/22



Sample name: MOON chair

YUCEL BAHCE MOBILYALARI SANAYI VE TIC.  
A.S.  
OSB. 5 BOLGE 83528 NOLU CAD. NO: 4/1  
27620 GAZIANTEP  
TR - TURKEY

**Outdoor furniture - General safety requirements EN 581-1:2017**

**5.1 General:**

Requirement	Observed	Remarks
Edges of seat, back rest and arm rests rounded and chamfered	Yes	None
All other parts: free from burrs, sharp edges and sharp points.	Yes	None
Movable and adjustable parts designed so that injuries and inadvertent operation are avoided	Not present	None
Any load bearing part of furniture not come loose unintentionally	Yes	None
Lubricated parts are protected	Not present	None

**5.2 Tubular components:**

Requirement	Observed	Remarks
Absence of tubular components with diameter > 7 mm and < 12 mm with a depth > 10 mm.	Yes	None
Tubulars in contact with the floor are closed. Holes in them are allowed as long as they are < 7 mm or > 12 mm	Yes	None

**5.3 Shear and squeeze points:**

Requirement	Observed	Remarks
Shear and squeeze points that are created only during adjusting and folding away are acceptable if the user has the control of his/her movements.	Not present	None
Absence of shear and squeeze points, created by parts operated by powered mechanism.	Not present	None
Absence of shear and squeeze points, created by loads applied during normal use.	Yes	None

Conformity to requirements of clause 5 of standard EN 581-1:2017:	<b>YES</b>
---	------------

This test report is part of a PDF file digitally signed by Paolo Tirelli.

The deputy director  
Dr. Paolo Tirelli

The sample name and, when relevant, its description, are given by the orderer, and CATAS does not assume responsibility on this matter. This test report relates to the sample submitted for the test and no others. Additions, deletions or alterations are not permitted. This test report must always be reproduced in its entirety. Unless otherwise required by standards and technical specifications or agreed with the customer, any declarations of conformity made by CATAS are based on the comparison between results and reference values, where the confidence intervals of the measures are not taken into account. Unless otherwise stated, sampling is made by the customer; in this case the test results are referred to the sample as received.

**TEST REPORT**

**338110 / 2**

Revision: 0  
Date of sample receipt: 02/11/22  
Date of test: 03/11/22  
Date of issue: 09/11/22



Sample name: MOON chair

YUCEL BAHCE MOBILYALARI SANAYI VE TIC.  
A.S.  
OSB. 5 BOLGE 83528 NOLU CAD. NO: 4/1  
27620 GAZIANTEP  
TR - TURKEY

**Seat and back static load test EN 1728:2012+AC:2013**

**Test performed according to EN 581-2:2015+AC:2016**

Seat and back static load test, clause 6.4, EN 1728:2012+AC:2013

Test results:

Seat load N	Back force N	Number of cycles	Remarks
2.000	560	10 x 10 s	No defects
2.000	560	1 x 30 min	No defects

Seat front edge static load, clause 6.5, EN 1728:2012+AC:2013

Seat load N	Number of cycles	Remarks
1.300	10	No defects

Note:

The test results comply with the requirements in clause 7.2.2 a), b), c) and d) of EN 581-2:2015+AC:2016, contract level.

*This test report is part of a PDF file digitally signed by Paolo Tirelli.*

The deputy director  
Dr. Paolo Tirelli

The sample name and, when relevant, its description, are given by the orderer, and CATAS does not assume responsibility on this matter. This test report relates to the sample submitted for the test and no others. Additions, deletions or alterations are not permitted. This test report must always be reproduced in its entirety. Unless otherwise required by standards and technical specifications or agreed with the customer, any declarations of conformity made by CATAS are based on the comparison between results and reference values, where the confidence intervals of the measures are not taken into account. Unless otherwise stated, sampling is made by the customer; in this case the test results are referred to the sample as received.

**TEST REPORT**

**338110 / 3**

Revision: 0  
Date of sample receipt: 02/11/22  
Date of test: 03/11/22  
Date of issue: 09/11/22



Sample name: MOON chair

YUCEL BAHCE MOBILYALARI SANAYI VE TIC.  
A.S.  
OSB. 5 BOLGE 83528 NOLU CAD. NO: 4/1  
27620 GAZIANTEP  
TR - TURKEY

**Seat and back fatigue test EN 1728:2012+AC:2013**

**Test performed according to EN 581-2:2015+AC:2016**

Seat and back fatigue test, clause 6.17, EN 1728:2012+AC:2013

Test results:

Seat force N	Back force N	Number of cycles	Remarks
1.000	320	50.000	No defects

Note:

According to EN 1728:2012+AC:2013, back force has been reduced from 333 N to 320 N to avoid tipping.

The test results comply with the requirements in clause 7.2.2 a), b), c) and d) of EN 581-2:2015+AC:2016, contract level.

*This test report is part of a PDF file digitally signed by Paolo Tirelli.*

The deputy director  
Dr. Paolo Tirelli

The sample name and, when relevant, its description, are given by the orderer, and CATAS does not assume responsibility on this matter. This test report relates to the sample submitted for the test and no others. Additions, deletions or alterations are not permitted. This test report must always be reproduced in its entirety. Unless otherwise required by standards and technical specifications or agreed with the customer, any declarations of conformity made by CATAS are based on the comparison between results and reference values, where the confidence intervals of the measures are not taken into account. Unless otherwise stated, sampling is made by the customer; in this case the test results are referred to the sample as received.

**TEST REPORT**

**338110 / 4**

Revision: 0  
Date of sample receipt: 02/11/22  
Date of test: 07/11/22  
Date of issue: 09/11/22



Sample name: MOON chair

YUCEL BAHCE MOBILYALARI SANAYI VE TIC.  
A.S.  
OSB. 5 BOLGE 83528 NOLU CAD. NO: 4/1  
27620 GAZIANTEP  
TR - TURKEY

**Seat impact test EN 1728:2012+AC:2013**

**Test performed according to EN 581-2:2015+AC:2016**

Seat impact test clause 6.24, EN 1728:2012+AC:2013

Test results:

Mass of impactor kg	Height of drop mm	Impact point	Number of drops	Remarks
25	240	seat loading point (A)	10	No defects
25	240	on the longitudinal axis, 100 mm from the front seat edge	10	No defects

Note:

The test results comply with the requirements in clause 7.2.2 a), b), c) and d) of EN 581-2:2015+AC:2016, contract level.

*This test report is part of a PDF file digitally signed by Paolo Tirelli.*

The deputy director  
Dr. Paolo Tirelli

The sample name and, when relevant, its description, are given by the orderer, and CATAS does not assume responsibility on this matter. This test report relates to the sample submitted for the test and no others. Additions, deletions or alterations are not permitted. This test report must always be reproduced in its entirety. Unless otherwise required by standards and technical specifications or agreed with the customer, any declarations of conformity made by CATAS are based on the comparison between results and reference values, where the confidence intervals of the measures are not taken into account. Unless otherwise stated, sampling is made by the customer; in this case the test results are referred to the sample as received.

**TEST REPORT**

**338110 / 5**

Revision: 0  
Date of sample receipt: 02/11/22  
Date of test: 07/11/22  
Date of issue: 09/11/22



Sample name: MOON chair

YUCEL BAHCE MOBILYALARI SANAYI VE TIC.  
A.S.  
OSB. 5 BOLGE 83528 NOLU CAD. NO: 4/1  
27620 GAZIANTEP  
TR - TURKEY

**Stability EN 1022:2018, clause 7.3**

Type of chair: fixed geometry

Positioning of chair components: as specified in Table 1 of EN 1022:2018

Loads and masses according to table B1 of EN 1022:2018, annex B

**Forwards overturning**

Forwards overturning, clause 7.3.1 : does not overturn  
Forwards overturning for seating with foot rest, clause 7.3.2 : /  
Corner stability, clause 7.3.3 : /

**Sideways overturning**

Sideways overturning, all seating without arm rests, clause 7.3.4 : /  
Seating with arm rests, clause 7.3.5.2 : does not overturn  
Seating with raised side edges, clause 7.3.5.3 : /

**Rearwards overturning**

Rearwards overturning all seating with back rests, clause 7.3.6  
Minimum force required: 163 N : does not overturn

Tilting seating, clause 7.4.2 : /  
Reclining seating with leg rest, clause 7.4.3 : /  
Reclining seating without leg rest, clause 7.4.4 : /  
Rearwards stability test for rocking chairs, clause 7.4.5 : /

The test results comply with the requirements in clause 7.2 of EN 1022:2018.

*This test report is part of a PDF file digitally signed by Paolo Tirelli.*

The deputy director  
Dr. Paolo Tirelli

The sample name and, when relevant, its description, are given by the orderer, and CATAS does not assume responsibility on this matter. This test report relates to the sample submitted for the test and no others. Additions, deletions or alterations are not permitted. This test report must always be reproduced in its entirety. Unless otherwise required by standards and technical specifications or agreed with the customer, any declarations of conformity made by CATAS are based on the comparison between results and reference values, where the confidence intervals of the measures are not taken into account. Unless otherwise stated, sampling is made by the customer; in this case the test results are referred to the sample as received.