

Report ID: 396981  
Date of sample receipt: 06/08/25  
Date of issue: 25/08/25

ISILPLAST PLASTIK SAN. VE TIC. A.S. (SIESTA EXCL.)  
ULUS MAH. CATALCA YOLU CAD. NO: 597  
34537 TEPECİK, BUYUKCEKMECE-ISTANBUL  
TR - TURKEY

Sample name: TULUM armchair

## SAMPLE N° 396981

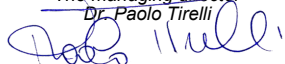
Overall dimensions: 540 x 520 x 800 (h) mm

### List of test reports:

1. Outdoor furniture - General safety requirements EN 581-1:2017
2. Seat and back static load test and seat front edge static load test EN 1728:2012+AC:2013
3. Seat and back fatigue test EN 1728:2012+AC:2013
4. Arm downwards static load test EN 1728:2012+AC:2013
5. Arm fatigue test EN 1728:2012+AC:2013
6. Leg forward static load test EN 1728:2012+AC:2013
7. Leg sideways static load test EN 1728:2012+AC:2013
8. Seat impact test EN 1728:2012+AC:2013
9. Stability - EN 1022:2005
10. Stability EN 1022:2023, clause 7.3



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

The managing 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° 396981

Date of issue: 25/08/25

Sample name: TULUM armchair



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

**396981 / 1**

Revision: 0  
Date of sample receipt: 06/08/25  
Date of test: 07/08/25  
Date of issue: 25/08/25



Sample name: TULUM armchair

ISILPLAST PLASTIK SAN. VE TIC. A.S. (SIESTA EXCL.)

ULUS MAH. CATALCA YOLU CAD. NO: 597  
34537 TEPECİK, BÜYÜKCEKMECE-İSTANBUL  
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 | Yes         | 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 applicable | None    |
| Absence of shear and squeeze points, created by parts operated by powered mechanism.                                                              | Not applicable | 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: **YES**

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

The managing 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

**396981 / 2**

Revision: 0  
Date of sample receipt: 06/08/25  
Date of test: 07/08/25  
Date of issue: 25/08/25



Sample name: TULUM armchair

ISILPLAST PLASTIK SAN. VE TIC. A.S. (SIESTA EXCL.)  
ULUS MAH. CATALCA YOLU CAD. NO: 597  
34537 TEPECİK, BÜYÜKCEKMECE-İSTANBUL  
TR - TURKEY

## Seat and back static load test and seat front edge static load test EN 1728:2012+AC:2013

Test performed according to the test method EN 1728:2012+AC:2013, clauses 6.4 and 6.5 and in accordance to the test parameters of EN 581-2:2015+AC:2016, table 2

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

Risultati della prova:

| Seat load<br>N | Back force<br>N | Number<br>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<br>cycles | Remarks    |
|-------------|---------------------|------------|
| 1.300       | 10                  | No defects |

The test results comply with the requirements in clause 7.2.2 of standard EN 581-2:2015+AC:2016 contract level

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

The managing 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

**396981 / 3**

Revision: 0  
Date of sample receipt: 06/08/25  
Date of test: 07/08/25  
Date of issue: 25/08/25



Sample name: TULUM armchair

ISILPLAST PLASTIK SAN. VE TIC. A.S. (SIESTA EXCL.)  
ULUS MAH. CATALCA YOLU CAD. NO: 597  
34537 TEPECİK, BÜYÜKCEKMECE-İSTANBUL  
TR - TURKEY

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

Test performed according to the test method EN 1728:2012+AC:2013, clause 6.17 and in accordance to the test parameters of EN 581-2:2015+AC:2016, table 2

### Test results:

| Seat load<br>N | Back force<br>N | Number<br>of cycles | Remarks    |
|----------------|-----------------|---------------------|------------|
| 1.000          | 333             | 50.000              | No defects |

The test results comply with the requirements in clause 7.2.2 of standard EN 581-2:2015+AC:2016 contract level

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

The managing 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

**396981 / 4**

Revision: 0  
Date of sample receipt: 06/08/25  
Date of test: 12/08/25  
Date of issue: 25/08/25



Sample name: TULUM armchair

ISILPLAST PLASTIK SAN. VE TIC. A.S. (SIESTA EXCL.)  
ULUS MAH. CATALCA YOLU CAD. NO: 597  
34537 TEPECİK, BÜYÜKCEKMECE-İSTANBUL  
TR - TURKEY

## Arm downwards static load test EN1728:2012+AC:2013

Test performed according to the test method EN 1728:2012+AC:2013, clause 6.11 and in accordance to the test parameters of EN 581-2:2015+AC:2016, table 2

### Test results:

| Vertical force<br>N | Number of applications | Remarks    |
|---------------------|------------------------|------------|
| 900                 | 10                     | No defects |

The test results comply with the requirements in clause 7.2.2 of standard EN 581-2:2015+AC:2016 contract level

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

The managing 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

**396981 / 5**

Revision: 0  
Date of sample receipt: 06/08/25  
Date of test: 13/08/25  
Date of issue: 25/08/25



Sample name: TULUM armchair

ISILPLAST PLASTIK SAN. VE TIC. A.S. (SIESTA EXCL.)  
ULUS MAH. CATALCA YOLU CAD. NO: 597  
34537 TEPECİK, BÜYÜKCEKMECE-İSTANBUL  
TR - TURKEY

### Arm fatigue test EN 1728:2012+AC:2013

Test performed according to the test method EN 1728:2012+AC:2013, clause 6.20 and in accordance to the test parameters of EN 581-2:2015+AC:2016, table 2

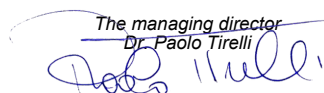
#### Test results:

| Force on arm rest N | Number of cycles | Remarks    |
|---------------------|------------------|------------|
| 400                 | 30.000           | No defects |

The test results comply with the requirements in clause 7.2.2 of standard EN 581-2:2015+AC:2016 contract level

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

The managing 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

**396981 / 6**

Revision: 0  
Date of sample receipt: 06/08/25  
Date of test: 19/08/25  
Date of issue: 25/08/25



Sample name: TULUM armchair

ISILPLAST PLASTIK SAN. VE TIC. A.S. (SIESTA EXCL.)  
ULUS MAH. CATALCA YOLU CAD. NO: 597  
34537 TEPECİK, BÜYÜKCEKMECE-İSTANBUL  
TR - TURKEY

### Leg forward static load test EN 1728:2012+AC:2013

Test performed according to the test method EN 1728:2012+AC:2013, clause 6.15 and in accordance to the test parameters of EN 581-2:2015+AC:2016, table 2

#### Test results:

| Forward horizontal force N | Balancing seat force N | Number of cycles | Remarks    |
|----------------------------|------------------------|------------------|------------|
| 400                        | 1.000                  | 10               | No defects |

The test results comply with the requirements in clause 7.2.2 of standard EN 581-2:2015+AC:2016 contract level

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

The managing 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

**396981 / 7**

Revision: 0  
Date of sample receipt: 06/08/25  
Date of test: 19/08/25  
Date of issue: 25/08/25



Sample name: TULUM armchair

ISILPLAST PLASTIK SAN. VE TIC. A.S. (SIESTA EXCL.)  
ULUS MAH. CATALCA YOLU CAD. NO: 597  
34537 TEPECİK, BÜYÜKCEKMECE-İSTANBUL  
TR - TURKEY

## Leg sideways static load test EN 1728:2012+AC:2013

Test performed according to the test method EN 1728:2012+AC:2013, clause 6.16 and in accordance to the test parameters of EN 581-2:2015+AC:2016, table 2

### Test results:

| Sideways horizontal force N | Balancing seat force N | Number of cycles | Remarks    |
|-----------------------------|------------------------|------------------|------------|
| 300                         | 1.000                  | 10               | No defects |

The test results comply with the requirements in clause 7.2.2 of standard EN 581-2:2015+AC:2016 contract level

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

The managing 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

**396981 / 8**

Revision: 0  
Date of sample receipt: 06/08/25  
Date of test: 20/08/25  
Date of issue: 25/08/25



Sample name: TULUM armchair

ISILPLAST PLASTIK SAN. VE TIC. A.S. (SIESTA EXCL.)  
ULUS MAH. CATALCA YOLU CAD. NO: 597  
34537 TEPECİK, BÜYÜKCEKMECE-İSTANBUL  
TR - TURKEY

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

Test performed according to the test method EN 1728:2012+AC:2013, clause 6.24 and in accordance to the test parameters of EN 581-2:2015+AC:2016, table 2

### 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 |

The test results comply with the requirements in clause 7.2.2 of standard EN 581-2:2015+AC:2016 contract level

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

The managing 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

**396981 / 9**

Revision: 0  
Date of sample receipt: 06/08/25  
Date of test: 20/08/25  
Date of issue: 25/08/25



Sample name: TULUM armchair

ISILPLAST PLASTIK SAN. VE TIC. A.S. (SIESTA EXCL.)  
ULUS MAH. CATALCA YOLU CAD. NO: 597  
34537 TEPECİK, BÜYÜKCEKMECE-İSTANBUL  
TR - TURKEY

## Stability - EN 1022:2005

Type of chair: fixed geometry

Minimum horizontal force for rearwards overturning of fixed back chair: 162 N

### Forwards overturning

Horizontal force : 20 N does not overturn

### Rearwards overturning

Fixed back chair

Horizontal force : 162 N does not overturn

### Tilting chair in the rearmost position

Loading discs on the seat : /

### Sideways overturning for chairs with arms

Horizontal force : 20 N does not overturn

### Sideways overturning for chairs without arms

Horizontal force : /

### Forwards overturning for chairs with footrest

Horizontal force : /

The test result complies with the requirements of EN 1022:2005

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

The managing 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

**396981 / 10**

Revision: 0  
Date of sample receipt: 06/08/25  
Date of test: 20/08/25  
Date of issue: 25/08/25



Sample name: TULUM armchair

ISILPLAST PLASTIK SAN. VE TIC. A.S. (SIESTA EXCL.)  
ULUS MAH. CATALCA YOLU CAD. NO: 597  
34537 TEPECİK, BÜYÜKCEKMECE-İSTANBUL  
TR - TURKEY

## Stability EN 1022:2023, clause 7.3

Type of chair: fixed geometry

Positioning of chair components: as specified in Table 2 of EN 1022:2023

Loads and masses according to table B1 of EN 1022:2023, annex B

### Forwards overturning

|                                                               |   |      |                   |
|---------------------------------------------------------------|---|------|-------------------|
| Forwards overturning, clause 7.3.1                            | : | 20 N | 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                            | : | 20 N | 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: 162 N                                   | : | 162 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 standard EN 1022:2023

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

The managing 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.