

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 TEPECIK, BUYUKCEKMECE-ISTANBUL  
TR - TURKEY

Sample name: TULUM armchair

## SAMPLE N° 396981

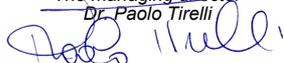
Overall dimensions: 540 x 520 x 800 (h) mm

### 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 EN1728:2012+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



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The managing director  
Dr. Paolo Tirelli  


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## SAMPLE N° 396981

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Side view



Rear view



Bottom view

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TEST REPORT

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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

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**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: | <b>YES</b> |
|---|------------|

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TEST REPORT

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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.)

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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 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 |

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

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**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

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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

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TEST REPORT

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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.)

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 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

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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.)  
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 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

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**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

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**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

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**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

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**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

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**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

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 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

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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

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 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

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**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

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34537 TEPECIK, BUYUKCEKMECE-ISTANBUL  
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

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