

Date received: 22-08-13

Date of issue: 05-09-13

Report consists of 7 test reports.

Defects before testing: None

Sample name: ARES chair

ISILPLAST PLASTIK SANAYII VE TIC. A.S.
CATALCA YOLU NO:4 TEPECIK 34537
BUYUKCEKMECE-ISTANBUL ()
TR - TURKEY

SAMPLE N° 163637

Overall dimensions: 480 x 540 x 840 (h) mm

List performed tests:

1. Outdoor furniture - General safety requirements EN 581-1:2006
2. Seat and back static load test EN 1728:2000
3. Seat and back fatigue test EN 1728:2000
4. Leg forward static load test EN 1728:2000
5. Leg sideways static load test EN 1728:2000
6. Seat impact test EN 1728:2000
7. Stability - EN 1022:2005



Head of Department
Paolo Balutto



Managing Director
Dr. Andrea Giavon

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 stated, sampling has been carried out by the orderer.



centro ricerche-sviluppo e laboratori prove
settori legno-arredo, ambiente e alimenti

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SAMPLE N° 163637

Date of issue: 05-09-13
Sample weight: Not determined
Sample name: ARES chair



Side view



Rear view



Bottom view

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TEST REPORT

163637 / 1

Date received: 22-08-13

Date of test: 26-08-13

Date of issue: 05-09-13

Sample name: ARES chair



ISILPLAST PLASTIK SANAYII VE TIC. A.S.
CATALCA YOLU NO:4 TEPECIK 34537
BUYUKCEKMECE-ISTANBUL
TR - TURKEY

Outdoor furniture - General safety requirements EN 581-1:2006

5.1 Edges and corners of parts which are directly contactable:

Requirement	Observed	Remarks
Edges and corners rounded and chamfered	Yes	None

5.1 Edges and corners of accessible parts:

Requirement	Observed	Remarks
Absence of sharp edges and burrs	Yes	None

5.2 Tubulars, holes and gaps accessible during use:

Requirement	Observed	Remarks
Capped holes and gaps if dimensions are ≥ 7 and ≤ 12 mm with depth ≥ 10 mm tested with probe as specif. at point 4, applying 30 N force	No	Openings on the seat > 7 mm and < 12 mm
Bottom of tubulars capped or plugged	Yes	None

5.3 Shear and squeeze points:

Requirement	Observed	Remarks
Absence of shear and squeeze points, created by powered mechanisms	Not present	None
Absence of shear and squeeze points, created by loads during normal use	Yes	None

Conformity to clause 5 of standard EN 581-1:2006:

NO

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Managing Director
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TEST REPORT

163637 / 2

Date received: 22-08-13

Date of test: 27-08-13

Date of issue: 05-09-13

Sample name: ARES chair



ISILPLAST PLASTIK SANAYII VE TIC. A.S.
CATALCA YOLU NO:4 TEPECIK 34537
BUYUKCEKMECE-ISTANBUL
TR - TURKEY

Seat and back static load test EN 1728:2000

Seat and back static load test, clause 6.2.1

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 6.2.2

Seat load N	Number of cycles	Remarks
1.300	10 x 10 s	No defects
1.300	1 x 30 min	No defects

Note:

The test has been carried out according to table 1 of EN 581-2:2009 "Outdoor furniture", contract level.

The standard EN 1728:2000 has been withdrawn and superseded by EN 1728:2012.

Head of Department
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Dr. Andrea Giavon

TEST REPORT

163637 / 3

Date received: 22-08-13

Date of test: 27-08-13

Date of issue: 05-09-13

Sample name: ARES chair



ISILPLAST PLASTIK SANAYII VE TIC. A.S.
CATALCA YOLU NO:4 TEPECIK 34537
BUYUKCEKMECE-ISTANBUL
TR - TURKEY

Seat and back fatigue test EN 1728:2000

Seat and back fatigue test, clause 6.7

Test results:

Seat force N	Back force N	Number of cycles	Remarks
1.000	330	50.000	No defects


Note:

The test has been carried out according to table 1 of EN 581-2:2009 "Outdoor furniture", contract level.

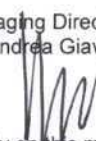
Bending moment to the back: 100 Nm

The standard EN 1728:2000 has been withdrawn and superseded by EN 1728:2012.

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TEST REPORT**163637 / 4**

Date received: 22-08-13

Date of test: 03-09-13

Date of issue: 05-09-13

Sample name: ARES chair

ISILPLAST PLASTIK SANAYII VE TIC. A.S.
CATALCA YOLU NO:4 TEPECIK 34537
BUYUKCEKMECE-ISTANBUL
TR - TURKEY**Leg forward static load test EN 1728:2000**

Leg forward static load test, clause 6.12

Test results:

Forward horizontal force N	Balancing seat load kg	Number of cycles	Remarks
400	100	10	No defects

Note:

The test has been carried out according to table 1 of EN 581-2:2009 "Outdoor furniture", contract level.

The standard EN 1728:2000 has been withdrawn and superseded by EN 1728:2012.

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TEST REPORT

163637 / 5

Date received: 22-08-13

Date of test: 03-09-13

Date of issue: 05-09-13

Sample name: ARES chair



ISILPLAST PLASTIK SANAYII VE TIC. A.S.
CATALCA YOLU NO:4 TEPECIK 34537
BUYUKCEKMECE-ISTANBUL
TR - TURKEY

Leg sideways static load test EN 1728:2000

Leg sideways static load test, clause 6.13

Test results:

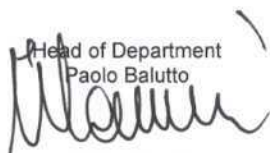
Sideways horizontal force N	Balancing seat load kg	Number of cycles	Remarks
300	100	10	No defects

Note:

The test has been carried out according to table 1 of EN 581-2:2009 "Outdoor furniture", contract level.

The standard EN 1728:2000 has been withdrawn and superseded by EN 1728:2012.

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