

Date received: 07/07/16

Date of issue: 05/09/16

Report consists of 9 test reports.

Defects before testing: None

Sample name: MONACO corner set

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

SAMPLE N° 218008

Overall dimensions: 2080 x 2080 x 795 (h) mm

List performed tests:

1. Outdoor furniture - General safety requirements EN 581-1:2006
2. Seat and back 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



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Managing Director
Dr. Andrea Giavon

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TEST REPORT

218008 / 1

Date received: 07/07/16

Date of test: 22/07/16

Date of issue: 05/09/16

Sample name: MONACO corner set



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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	Yes	None
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	Mechanism 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:

YES

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TEST REPORT

218008 / 2

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

Seat and back static load test, clause 6.4

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

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 2 of EN 581-2:2015, contract level.

The test has been carried out simultaneously on two positions.

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TEST REPORT

218008 / 3

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

Seat and back fatigue test, clause 6.17

Test results:

Seat force N	Back force N	Number of cycles	Remarks
1.000	333	50.000	No defects

Note:

The test has been carried out according to table 2 of EN 581-2:2015, contract level.

The test has been carried out on the centre position and consecutively on one end position, for 100.000 cycles in total.

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TEST REPORT

218008 / 4

Date received: 07/07/16

Date of test: 29/08/16

Date of issue: 05/09/16

Sample name: MONACO corner set



ISILPLAST PLASTIK SANAYII VE TIC. A.S.
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Arm downwards static load test EN1728:2012+AC:2013

Arm downwards static load test clause 6.11

Test results:

Vertical force N	Number of applications	Remarks
900	10	No defects

Note:

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TEST REPORT

218008 / 5

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Date of test: 29/08/16

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Sample name: MONACO corner set



ISILPLAST PLASTIK SANAYII VE TIC. A.S.
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Arm fatigue test EN 1728:2012+AC:2013

Arm fatigue test clause 6.20

Test results:

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

Note:

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TEST REPORT

218008 / 6

Date received: 07/07/16

Date of test: 02/09/16

Date of issue: 05/09/16

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

Leg forward static load test clause 6.15

Test results:

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

Note:

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TEST REPORT

218008 / 7

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Sample name: MONACO corner set



ISILPLAST PLASTIK SANAYII VE TIC. A.S.
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Leg sideways static load test EN 1728:2012+AC:2013

Leg sideways static load test clause 6.16

Test results:

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

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Seat impact test EN 1728:2012+AC:2013

Seat impact test clause 6.24

Test results:

Mass of impactor kg	Height of drop mm	Number of drops	Remarks
25	240	10	No defects

Note:

The test has been carried out according to table 2 of EN 581-2:2015, contract level.

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TEST REPORT

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Stability - EN 1022:2005

Type of chair: fixed geometry

Minimum horizontal force for rearwards overturning of fixed back chair: 378 N

Forwards overturning

Horizontal force : 40 N does not overturn *

Rearwards overturning

Fixed back chair

Horizontal force : 378 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 : /

Test passed

* The test has been carried out simultaneously on two positions.

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