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

CATAS S.p.A.
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Reg. Impr. UD 20663
P. IVA : 01818850305
C.Soc. € 1.003.650,00 i.v.

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Date received: 08/09/15

Date of issue: 12/10/15

Report consists of 7 test reports.

Defects before testing: None

Sample name: SOHO chair

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

SAMPLE N° 201772

Overall dimensions: 415 x 540 x 895 (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

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Managing Director
Dr. Andrea Giavon

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SAMPLE N° 201772

Date of issue: 12/10/15
Sample weight: Not determined
Sample name: SOHO chair

Side view

Rear view

Bottom view

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LAB N° 0027
Membro degli MRA EA, IAF e ILAC

TEST REPORT

201772 / 1

Date received: 08/09/15
Date of test: 23/09/15
Date of issue: 12/10/15

Sample name: SOHO 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	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

201772 / 2

Date received: 08/09/15
Date of test: 29/09/15
Date of issue: 12/10/15

Sample name: SOHO 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.

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TEST REPORT

201772 / 3

Date received: 08/09/15
Date of test: 30/09/15
Date of issue: 12/10/15

Sample name: SOHO 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

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TEST REPORT

201772 / 4

Date received:	08/09/15
Date of test:	09/10/15
Date of issue:	12/10/15

Sample name: SOHO 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.

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Managing Director
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TEST REPORT

201772 / 5

Date received: 08/09/15
Date of test: 09/10/15
Date of issue: 12/10/15

Sample name: SOHO 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.

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TEST REPORT

201772 / 6

Date received:	08/09/15
Date of test:	09/10/15
Date of issue:	12/10/15

Sample name: SOHO chair

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

Seat impact test EN 1728:2000

Seat impact test, clause 6.15

Test results:

Mass of impactor kg	Height of drop mm	Number of drops	Remarks
25	180	10	No defects

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

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Membro degli MRA EA, IAF e ILAC

TEST REPORT

201772 / 7

Date received:	08/09/15
Date of test:	23/09/15
Date of issue:	12/10/15
Sample name:	SOHO chair

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

Stability - EN 1022:2005

Type of chair: fixed geometry

Minimum horizontal force for rearwards overturning of fixed back chair: 156 N

Forwards overturning

Horizontal force : 20 N does not overturn

Rearwards overturning

Fixed back chair

Horizontal force : 156 N does not overturn

Tilting chair in the rearmost position

Loading discs on the seat : /

Sideways overturning for chairs with arms

Horizontal force : /

Sideways overturning for chairs without arms

Horizontal force : 20 N does not overturn

Forwards overturning for chairs with footrest

Horizontal force : /

Test passed

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