

Date received: 28-02-13

Date of issue: 15-03-13

Report consists of 9 test reports.

Defects before testing: None

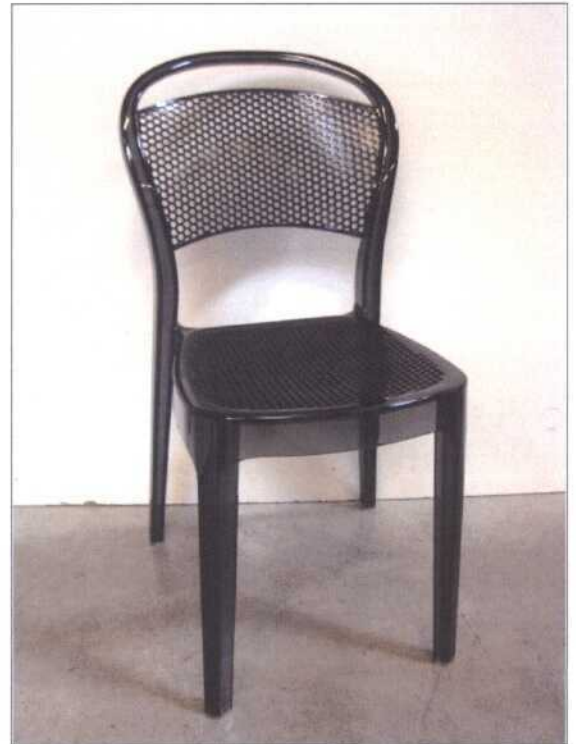
Sample name: BEE chair

ISILPLAST PLASTIK SANAYII VE TIC. A.S.
CATALCA YOLU NO:4 TEPECIK 34537
BUYUKCEKMECE-ISTANBUL ()
TR - TURKEY**SAMPLE N° 154712**

Overall dimensions: 470 x 480 x 870 (h) mm

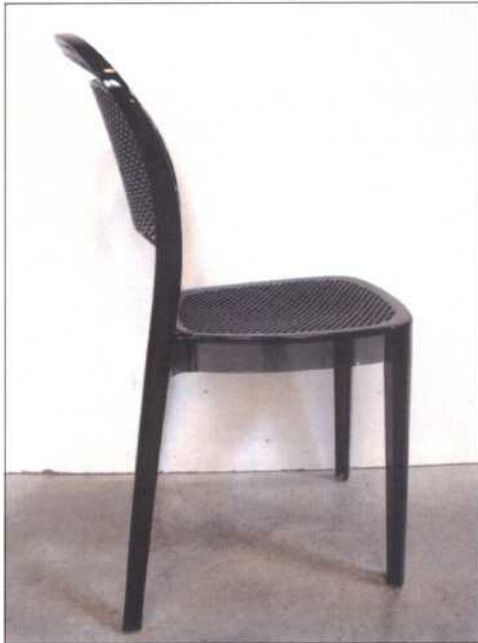
List performed tests:

1. Non-domestic seating. Safety requirements EN 15373:2007
2. Seat and back static load test EN 1728:2000
3. Seat and back fatigue test EN 1728:2000
4. Seat front edge durability test EN 1728:2000
5. Leg forward static load test EN 1728:2000
6. Leg sideways static load test EN 1728:2000
7. Seat impact test EN 1728:2000
8. Back impact test EN 1728:2000
9. Stability - EN 1022:2005

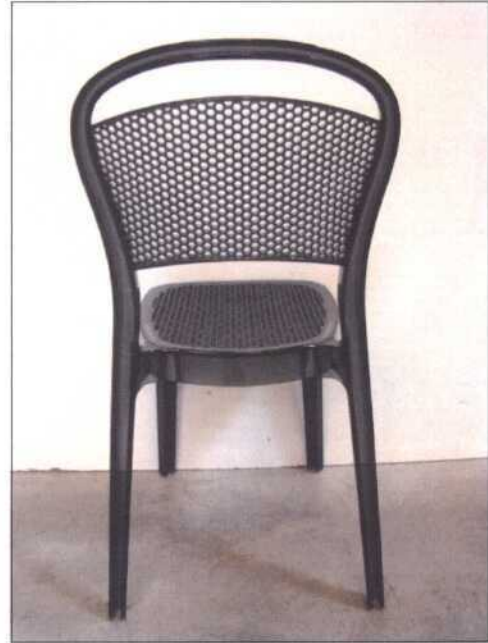
Head of Department
Paolo BaluttoManaging Director
Dr. Andrea Giavon

SAMPLE N° 154712

Date of issue: 15-03-13
Sample weight: Not determined
Sample name: BEE chair



Side view



Rear view



Bottom view

TEST REPORT

154712 / 1

Date received: 28-02-13
Date of test: 04-03-13
Date of issue: 15-03-13
Sample name: BEE chair



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

Non-domestic seating. Safety requirements EN 15373:2007

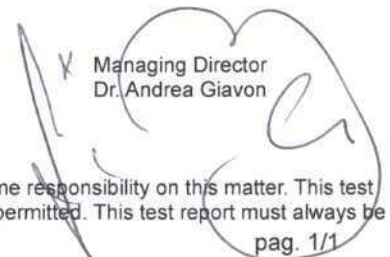
Non-domestic seating. Safety requirements EN 15373:2007 - clauses 5.1 and 5.2

Statement checked	Remarks
Corner and edges in contact with the users: • Absence of sharp edges and corners	Yes
Accessible hollow components: • The ends of hollow components are closed or capped	Yes
Movable and adjustable parts: • It shall not possible for any movable and adjustable part of the chair to come operate unintentionally.	Movable and adjustable parts not present
Connections between parts of the structure: • It shall not possible for any load bearing part of the seating to come loose unintentionally	No
Parts wich are lubricated: • All the parts wich are lubricated shall be designed to protect users	Lubricated parts not present
Shear and squeeze points between movable parts $\geq 7 \text{ mm} \leq 18 \text{ mm}$: • Shear and squeeze points under influence of powered mechanism • Shear and squeeze points during normal use • Shear and squeeze points created by the weight of the user during normal movements and actions	Mechanism not present No No
Conformity to clauses 5.1 and 5.2 of standard EN 15373:2007:	YES

Head of Department
Paolo Balutto



Managing Director
Dr. Andrea Giavon



TEST REPORT

154712 / 2

Date received: 28-02-13

Date of test: 04-03-13

Date of issue: 15-03-13

Sample name: BEE 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
1.600	500	10	No defects

Note:

According to EN 1728:2000, back force has been reduced from 560 N to 500 N to avoid tipping.

Seat front edge static load, clause 6.2.2

Seat load N	Number of cycles	Remarks
1.600	10	No defects

Note:

The test has been carried out according to table 1 of EN 15373:2007, level 2 - general.

NOTE: As requested by the customer, the sample has been tested without storing for one week in indoor ambient conditions.

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

Head of Department
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Managing Director
Dr. Andrea Giavon

TEST REPORT

154712 / 3

Date received: 28-02-13
Date of test: 04-03-13
Date of issue: 15-03-13
Sample name: BEE 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	300	100.000	No defects

Note:

The test has been carried out according to table 1 of EN 15373:2007, level 2 - general.

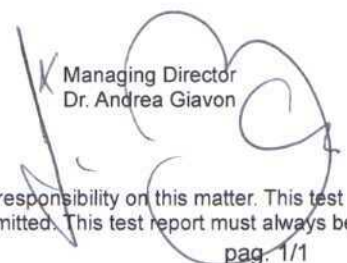
NOTE: As requested by the customer, the sample has been tested without storing for one week in indoor ambient conditions.

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

Head of Department
Paolo Balitto



Managing Director
Dr. Andrea Giavon



TEST REPORT**154712 / 4**Date received: 28-02-13
Date of test: 12-03-13
Date of issue: 15-03-13
Sample name: BEE chairISILPLAST PLASTIK SANAYII VE TIC. A.S.
CATALCA YOLU NO:4 TEPECIK 34537
BUYUKCEKMECE-ISTANBUL
TR - TURKEY**Seat front edge durability test EN 1728:2000**

Seat front edge durability test, clause 6.8

Test results:

Points of application	Seat force N	Number of cycles	Remarks
80 mm back from the front edge	1.000	50.000	No defects

Note:

The test has been carried out according to table 1 of EN 15373:2007, level 2 - general.

NOTE: As requested by the customer, the sample has been tested without storing for one week in indoor ambient conditions.

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**154712 / 5**Date received: 28-02-13
Date of test: 15-03-13
Date of issue: 15-03-13

Sample name: BEE 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 force N	Number of cycles	Remarks
400	1.300	10	No defects

Note:

According to EN 1728:2000, horizontal force has been reduced from 500 N to 400 N, to avoid tipping.

The test has been carried out according to table 1 of EN 15373:2007, level 2 - general.

NOTE: As requested by the customer, the sample has been tested without storing for one week in indoor ambient conditions.

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

Head of Department
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TEST REPORT

154712 / 6

Date received: 28-02-13
Date of test: 15-03-13
Date of issue: 15-03-13
Sample name: BEE chairISILPLAST 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 force N	Number of cycles	Remarks
480	1.300	10	No defects

Note:

According to EN 1728:2000, horizontal force has been reduced from 490 N to 480 N, to avoid tipping.

The test has been carried out according to table 1 of EN 15373:2007, level 2 - general.

NOTE: As requested by the customer, the sample has been tested without storing for one week in indoor ambient conditions.

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

Head of Department
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Dr. Andrea Giovan

TEST REPORT

154712 / 7

Date received: 28-02-13

Date of test: 15-03-13

Date of issue: 15-03-13

Sample name: BEE 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	240	10	No defects

Note:

The test has been carried out according to table 1 of EN 15373:2007, level 2 - general.

NOTE: As requested by the customer, the sample has been tested without storing for one week in indoor ambient conditions.

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

Head of Department
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TEST REPORT

154712 / 8

Date received: 28-02-13

Date of test: 15-03-13

Date of issue: 15-03-13

Sample name: BEE chair



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

Back impact test EN 1728:2000

Back impact test, clause 6.16

Test results:

Angle °	Mass of impactor kg	Number of cycles	Remarks
48	6,5	10	No defects

Note:

The test has been carried out according to table 1 of EN 15373:2007, level 2 - general.

NOTE: As requested by the customer, the sample has been tested without storing for one week in indoor ambient conditions.

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**154712 / 9**

Date received: 28-02-13

Date of test: 15-03-13

Date of issue: 15-03-13

Sample name: BEE 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: 163 N

Forwards overturning

Horizontal force : 20 N does not overturn

Rearwards overturning

Fixed back chair

Horizontal force : 163 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

Head of Department
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