

Date received: 08-04-13

Date of issue: 02-05-13

Report consists of 12 test reports.

Defects before testing: None

Sample name: JAMAICA bar stool code 866

ISILPLAST PLASTIK SANAYII VE TIC. A.S.
CATALCA YOLU NO:4 TEPECİK 34537
BUYUKCEKMECE-ISTANBUL ()
TR - TURKEY**SAMPLE N° 157230**

Overall dimensions: 430 x 500 x 1080 (h) mm

List performed tests:

1. Safety requirements EN 16139:2013
2. Seat and back static load test EN 1728:2012
3. Vertical load on back rest EN 1728:2012
4. Foot rest static load test EN 1728:2012
5. Seat and back fatigue test EN 1728:2012
6. Seat front edge durability test EN 1728:2012
7. Foot rest durability test EN 1728:2012
8. Leg forward static load test EN 1728:2012
9. Leg sideways static load test EN 1728:2012
10. Seat impact test EN 1728:2012
11. Back impact test EN 1728:2012
12. Stability - EN 1022:2005

Head of Department
Paolo BaluttoManaging 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.

SAMPLE N° 157230

Date of issue: 02-05-13
Sample weight: Not determined
Sample name: JAMAICA bar stool code 866



Side view



Rear view



Bottom view

TEST REPORT

157230 / 1

Date received: 08-04-13

Date of test: 11-04-13

Date of issue: 02-05-13

Sample name: JAMAICA bar stool code 866



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

Safety requirements EN 16139:2013

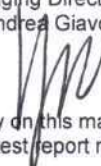
Safety requirements clause 4

Statement checked	Remarks
Corner and edges in contact with the users: • Absence of sharp edges and corners	Yes
Edges on the handles: • Absence of sharp edges and corners in the direction of the force	Yes
Other edges: • Absence of 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 and during normal movements and actions	Mechanism not present No
Conformity to clauses 4.1 and 4.2 of standard EN 16139:2013:	YES

Head of Department
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TEST REPORT

157230 / 2

Date received: 08-04-13
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Sample name: JAMAICA bar stool code 866

ISILPLAST PLASTIK SANAYII VE TIC. A.S.
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Seat and back static load test EN 1728:2012

Seat and back static load test, clause 6.4

Test results:

Seat load N	Back force N	Number of cycles	Remarks
1.600	450	10	No defects

Note:

According to EN 1728:2012, back force has been reduced from 560 N to 450 N to avoid tipping.

Seat front edge static load, clause 6.5

Seat load N	Number of cycles	Remarks
1.300	10	No defects

Note:

The test has been carried out according to table 1 of EN 16139:2013, level L1 - general.

Head of Department
Paolo Baiutto



Managing Director
Dr. Andrea Giavon

TEST REPORT

157230 / 3

Date received: 08-04-13

Date of test: 11-04-13

Date of issue: 02-05-13

Sample name: JAMAICA bar stool code 866



ISILPLAST PLASTIK SANAYII VE TIC. A.S.
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Vertical load on back rest EN 1728:2012

Vertical static load on back rest clause 6.6

Test results:

Seat load N	Downwards force N	Number of applications	Remarks
1.300	600	10	No defects

Note:

The test has been carried out according to table 1 of EN 16139:2013, level L1 - general.

Head of Department
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TEST REPORT

157230 / 4

Date received: 08-04-13

Date of test: 17-04-13

Date of issue: 02-05-13

Sample name: JAMAICA bar stool code 866



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

Foot rest static load test EN 1728:2012

Foot rest static load test, clause 6.8

Test results:

Force on foot rest N	Number of cycles	Remarks
1.300	10	No defects

Note:

The test has been carried out according to table 1 of EN 16139:2013, level L1 - general.

Head of Department
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TEST REPORT

157230 / 5

Date received: 08-04-13
Date of test: 17-04-13
Date of issue: 02-05-13



Sample name: JAMAICA bar stool code 866

ISILPLAST PLASTIK SANAYII VE TIC. A.S.
CATALCA YOLU NO:4 TEPECİK 34537
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Seat and back fatigue test EN 1728:2012

Seat and back fatigue test, clause 6.17

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 16139:2013, level L1 - general.

Head of Department
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TEST REPORT

157230 / 6

Date received: 08-04-13

Date of test: 24-04-13

Date of issue: 02-05-13

Sample name: JAMAICA bar stool code 866



ISILPLAST PLASTIK SANAYII VE TIC. A.S.
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TR - TURKEY

Seat front edge durability test EN 1728:2012

Seat front edge durability test clause 6.18

Test results:

Points of application	Seat force N	Number of cycles	Remarks
100 mm back from the front edge	800	50.000	No defects

Note:

The test has been carried out according to table 1 of EN 16139:2013, level L1 - general.

Head of Department
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Managing Director
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TEST REPORT

157230 / 7

Date received: 08-04-13

Date of test: 29-04-13

Date of issue: 02-05-13

Sample name: JAMAICA bar stool code 866



ISILPLAST PLASTIK SANAYII VE TIC. A.S.
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TR - TURKEY

Foot rest durability test EN 1728:2012

Foot rest durability test clause 6.21

Test results:

Force on footrest N	Number of cycles	Remarks
1.000	50.000	No defects

Note:

The test has been carried out according to table 1 of EN 16139:2013, level L1 - general.

Head of Department
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Managing Director
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TEST REPORT

157230 / 8

Date received: 08-04-13
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Date of issue: 02-05-13



Sample name: JAMAICA bar stool code 866

ISILPLAST PLASTIK SANAYII VE TIC. A.S.
CATALCA YOLU NO:4 TEPECİK 34537
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Leg forward static load test EN 1728:2012

Leg forward static load test clause 6.15

Test results:

Forward horizontal force N	Balancing seat force N	Number of cycles	Remarks
390	1.000	10	No defects

Note:

According to EN 1728:2012, horizontal force has been reduced from 500 N to 390 N, to avoid tipping.

The test has been carried out according to table 1 of EN 16139:2013, level L1 - general.

Head of Department
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Managing Director
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TEST REPORT

157230 / 9

Date received: 08-04-13

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Sample name: JAMAICA bar stool code 866



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

Leg sideways static load test clause 6.16

Test results:

Sideways horizontal force N	Balancing seat force N	Number of cycles	Remarks
280	1.000	10	No defects

Note:

According to EN 1728:2012, horizontal force has been reduced from 400 N to 280 N, to avoid tipping.

The test has been carried out according to table 1 of EN 16139:2013, level L1 - general.

Head of Department
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Managing Director
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TEST REPORT

157230 / 10

Date received: 08-04-13

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Date of issue: 02-05-13



Sample name: JAMAICA bar stool code 866

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

Seat impact test EN 1728:2012

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 1 of EN 16139:2013, level L1 - general.

Head of Department
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TEST REPORT

157230 / 11

Date received: 08-04-13
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Sample name: JAMAICA bar stool code 866

ISILPLAST PLASTIK SANAYII VE TIC. A.S.
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Back impact test EN 1728:2012

Back impact test clause 6.25

Test results:

Angle °	Mass of impactor kg	Number of cycles	Remarks
38	6,5	10	No defects

Note:

The test has been carried out according to table 1 of EN 16139:2013, level L1 - general.

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TEST REPORT

157230 / 12

Date received: 08-04-13
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Sample name: JAMAICA bar stool code 866

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

Stability - EN 1022:2005

Type of chair: fixed geometry

Minimum horizontal force for rearwards overturning of fixed back chair: 80 N

Forwards overturning

Horizontal force : 20 N does not overturn

Rearwards overturning

Fixed back chair

Horizontal force : 80 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 : 20 N does not overturn

Test passed

Head of Department
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Managing Director
Dr. Andrea Giavon