

Date received: 28-10-13

Date of issue: 13-11-13

Report consists of 8 test reports.

Defects before testing: None

Sample name: KALIPA chair

GABER S.R.L.
VIA SCHIAVONESCA 75/1
31030 CASELLE DI ALTIVOLE (TV)
ITALIA

SAMPLE N° 166563

Overall dimensions: 570 x 490 x 840 (h) mm

List performed tests:

1. Seat and back static load test EN 1728:2012
2. Arm sideways static load test EN 1728:2012
3. Arm downwards static load test EN1728:2012
4. Seat and back fatigue test EN 1728:2012
5. Arm fatigue test EN 1728:2012
6. Leg forward static load test EN 1728:2012
7. Leg sideways static load test EN 1728:2012
8. Stability - EN 1022:2005



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Managing Director
Dr. Andrea Giavon

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SAMPLE N° 166563

Date of issue: 13-11-13
Sample weight: Not determined
Sample name: KALIPA chair



Side view



Rear view



Bottom view

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TEST REPORT

166563 / 1

Date received: 28-10-13

Date of test: 29-10-13

Date of issue: 13-11-13



Sample name: KALIPA chair

GABER S.R.L.
VIA SCHIAVONESCA 75/1
31030 CASELLE DI ALTIVOLE (TV)
ITALIA

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.

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TEST REPORT

166563 / 2

Date received: 28-10-13

Date of test: 05-11-13

Date of issue: 13-11-13



Sample name: KALIPA chair

GABER S.R.L.
VIA SCHIAVONESCA 75/1
31030 CASELLE DI ALTIVOLE (TV)
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Arm sideways static load test EN 1728:2012

Arm sideways static load test clause 6.10

Test results:

Horizontal force N	Number of applications	Remarks
400	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

166563 / 3

Date received: 28-10-13

Date of test: 05-11-13

Date of issue: 13-11-13

Sample name: KALIPA chair



GABER S.R.L.
VIA SCHIAVONESCA 75/1
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ITALIA

Arm downwards static load test EN1728:2012

Arm downwards static load test clause 6.11

Test results:

Vertical force N	Number of applications	Remarks
750	5	No defects

Note:

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

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Managing Director
Dr. Andrea Giavon

TEST REPORT

166563 / 4

Date received: 28-10-13

Date of test: 05-11-13

Date of issue: 13-11-13

Sample name: KALIPA chair



GABER S.R.L.
VIA SCHIAVONESCA 75/1
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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	280	100.000	No defects

Note:

According to EN 1728:2012, back force has been reduced from 300 N to 280 N to avoid tipping.

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

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Marketing Director
Dr. Andrea Giavon

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TEST REPORT

166563 / 5

Date received: 28-10-13

Date of test: 11-11-13

Date of issue: 13-11-13



Sample name: KALIPA chair

GABER S.R.L.
VIA SCHIAVONESCA 75/1
31030 CASELLE DI ALTIVOLE (TV)
ITALIA

Arm fatigue test EN 1728:2012

Arm fatigue test clause 6.20

Test results:

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

Note:

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

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Managing Director
Dr. Andrea Giavon

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TEST REPORT

166563 / 6

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GABER S.R.L.
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ITALIA

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
500	1.000	10	No defects

Note:

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TEST REPORT

166563 / 7

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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
400	1.000	10	No defects

Note:

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Managing Director
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TEST REPORT

166563 / 8

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Sample name: KALIPA chair



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ITALIA

Stability - EN 1022:2005

Type of chair: fixed geometry

Minimum horizontal force for rearwards overturning of fixed back chair: 161 N

Forwards overturning

Horizontal force : 20 N does not overturn

Rearwards overturning

Fixed back chair

Horizontal force : 161 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

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Dr. Andrea Glavon

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