

Date received: 03/12/20

Date of issue: 22/12/20

Report consists of 16 test reports.

Defects before testing: None

Sample name: AMITHA

GABER S.R.L. VIA TONIOLO 26 31030 CASELLE DI ALTIVOLE (TV) ITALIA

SAMPLE N° 301685

Overall dimensions: 600 x 530 x 785 (h) mm

List of test reports:

- 1. Safety requirements EN 16139:2013+AC:2013
- 2. Information for use EN 16139:2013+AC:2013
- 3. Seat and back static load test EN 1728:2012+AC:2013
- 4. Vertical load on back rest EN 1728:2012+AC:2013
- 5. Arm sideways static load test EN 1728:2012+AC:2013
- 6. Arm downwards static load test EN1728:2012+AC:2013
- 7. Seat and back fatigue test EN 1728:2012+AC:2013
- 8. Seat front edge durability test EN 1728:2012+AC:2013
- 9. Arm fatigue test EN 1728:2012+AC:2013
- 10. Leg forward static load test EN 1728:2012+AC:2013
- 11. Leg sideways static load test EN 1728:2012+AC:2013
- 12. Seat impact test EN 1728:2012+AC:2013
- 13. Back impact test EN 1728:2012+AC:2013
- 14. Arm rest impact test EN 1728:2012+AC:2013
- 15. Stability EN 1022:2005
- 16. Stability EN 1022:2018, clause 7.3



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SAMPLE N° 301685

Date of issue: 22/12/20

Sample weight: Not determined

Sample name: AMITHA



Side view



Bottom view



Rear view



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GABER S.R.L. VIA TONIOLO 26 31030 CASELLE DI ALTIVOLE (TV) ITALIA

Safety requirements EN 16139:2013+AC: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 Handles not present Other edges: Absence of sharp edges and corners Yes Accessible hollow components: The ends of hollow components are closed or capped Yes Movable and adjustable parts: Movable and adjustable parts • It shall not be possible for any movable and adjustable part of the chair to come operate unintentionally. not present Connections between parts of the structure: It shall not be possible for any load bearing part of the seating Yes to come loose unintentionally Parts which are lubricated: All the parts which are lubricated shall be designed to protect users Lubricated parts not present Shear and squeeze points between movable parts $\geq 8 \text{ mm} \leq 25 \text{ mm}$: Mechanism not present Shear and squeeze points under influence of powered mechanism · Shear and squeeze points during normal use and during normal No movements and actions Conformity to clauses 4.1 and 4.2 of standard EN 16139:2013+AC:2013: **YES**

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GABER S.R.L. VIA TONIOLO 26 31030 CASELLE DI ALTIVOLE (TV) ITALIA

Information for use EN 16139:2013+AC:2013

Information for use clause 7

Statement checked	Remarks
Information for use in the language of the country in which the chair will be delivered to the end user	Italian language
Information regarding the intended use (Annex B of EN 16139:2013+AC:2013)	Present
Instruction for operating the adjusting mechanisms, where applicable	Not applicable
Assembly instructions, where applicable	Not applicable
Instruction for the care and the maintenance of the chair	Present
Information on the choice of castors in relation to the floor surface if the chair is fitted	Castors not present
Advice that only trained personnel may replace or repair seat height adjustment components with energy accumulators if the chair is fitted	Seat height adjustment not present

Conformity to clause 7 of standard EN 16139:2013+AC:2013: YES

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Sample name: AMITHA



GABER S.R.L. VIA TONIOLO 26 31030 CASELLE DI ALTIVOLE (TV) ITALIA

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

Test performed according to EN 16139:2013+AC:2013

Seat and back static load test, clause 6.4, EN 1728:2012+AC:2013

Test results:

Seat load N	Back force N	Number of cycles	Remarks
1.600	560	10	No defects

Seat front edge static load, clause 6.5, EN 1728:2012+AC:2013

Seat load N	Number of cycles	Remarks
1.300	10	No defects

Note:

The test results comply with the requirements in clause 5 of EN 16139:2013+AC:2013, level 1.

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GABER S.R.L. VIA TONIOLO 26 31030 CASELLE DI ALTIVOLE (TV) ITALIA

Vertical load on back rest EN 1728:2012+AC:2013

Test performed according to EN 16139:2013+AC:2013

Vertical static load on back rest clause 6.6, EN 1728:2012+AC:2013

Test results:

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

Note:

The test results comply with the requirements in clause 5 of EN 16139:2013+AC:2013, level 1.

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Sample name: AMITHA



GABER S.R.L. VIA TONIOLO 26 31030 CASELLE DI ALTIVOLE (TV) ITALIA

Arm sideways static load test EN 1728:2012+AC:2013

Test performed according to EN 16139:2013+AC:2013

Arm sideways static load test clause 6.10, EN 1728:2012+AC:2013

Test results:

Horizontal force N	Number of applications	Remarks
400	10	No defects

Note:

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Sample name: AMITHA



GABER S.R.L. VIA TONIOLO 26 31030 CASELLE DI ALTIVOLE (TV) ITALIA

Arm downwards static load test EN1728:2012+AC:2013

Test performed according to EN 16139:2013+AC:2013

Arm downwards static load test clause 6.11, EN 1728:2012+AC:2013

Test results:

Vertical force N	Number of applications	Remarks
750	5	No defects

Note:

The test results comply with the requirements in clause 5 of EN 16139:2013+AC:2013, level 1.

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TEST REPORT 301685 / 7

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Sample name: AMITHA



GABER S.R.L. VIA TONIOLO 26 31030 CASELLE DI ALTIVOLE (TV) ITALIA

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

Test performed according to EN 16139:2013+AC:2013

Seat and back fatigue test, clause 6.17, EN 1728:2012+AC:2013

Test results:

Seat force N	Back force N	Number of cycles	Remarks
1.000	300	100.000	No defects

Note:

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Sample name: AMITHA



GABER S.R.L. VIA TONIOLO 26 31030 CASELLE DI ALTIVOLE (TV) ITALIA

Seat front edge durability test EN 1728:2012+AC:2013

Test performed according to EN 16139:2013+AC:2013

Seat front edge durability test clause 6.18, EN 1728:2012+AC:2013

Test results:

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

Note:

The test results comply with the requirements in clause 5 of EN 16139:2013+AC:2013, level 1.

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 03/12/20

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 14/12/20

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Sample name: AMITHA



GABER S.R.L. VIA TONIOLO 26 31030 CASELLE DI ALTIVOLE (TV) ITALIA

Arm fatigue test EN 1728:2012+AC:2013

Test performed according to EN 16139:2013+AC:2013

Arm fatigue test clause 6.20, EN 1728:2012+AC:2013

Test results:

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

Note:

The test results comply with the requirements in clause 5 of EN 16139:2013+AC:2013, level 1.

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Sample name: AMITHA



GABER S.R.L. VIA TONIOLO 26 31030 CASELLE DI ALTIVOLE (TV) ITALIA

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

Test performed according to EN 16139:2013+AC:2013

Leg forward static load test clause 6.15, EN 1728:2012+AC:2013

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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GABER S.R.L. VIA TONIOLO 26 31030 CASELLE DI ALTIVOLE (TV) ITALIA

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

Test performed according to EN 16139:2013+AC:2013

Leg sideways static load test clause 6.16, EN 1728:2012+AC:2013

Test results:

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

Note:

The test results comply with the requirements in clause 5 of EN 16139:2013+AC:2013, level 1.

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GABER S.R.L. VIA TONIOLO 26 31030 CASELLE DI ALTIVOLE (TV) ITALIA

Seat impact test EN 1728:2012+AC:2013

Test performed according to EN 16139:2013+AC:2013

Seat impact test clause 6.24, EN 1728:2012+AC:2013

Test results:

Mass of impactor kg	Height of drop mm	Impact point	Number of drops	Remarks
25	240	point A	10	No defects
25	240	at 100 mm from the front edge of the seat	10	No defects

Note:

The test results comply with the requirements in clause 5 of EN 16139:2013+AC:2013, level 1.

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Sample name: **AMITHA**



GABER S.R.L. **VIA TONIOLO 26** 31030 CASELLE DI ALTIVOLE (TV) **ITALIA**

Back impact test EN 1728:2012+AC:2013

Test performed according to EN 16139:2013+AC:2013

Back impact test clause 6.25, EN 1728:2012+AC:2013

Test results:

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

Note:

The test results comply with the requirements in clause 5 of EN 16139:2013+AC:2013, level 1.

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 16/12/20

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Sample name: AMITHA



GABER S.R.L. VIA TONIOLO 26 31030 CASELLE DI ALTIVOLE (TV) ITALIA

Arm rest impact test EN 1728:2012+AC:2013

Test performed according to EN 16139:2013+AC:2013

Arm rest impact test clause 6.26, EN 1728:2012+AC:2013

Test results:

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

Note:

The test results comply with the requirements in clause 5 of EN 16139:2013+AC:2013, level 1.

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TEST REPORT

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Sample name: **AMITHA**



GABER S.R.L. VIA TONIOLO 26 31030 CASELLE DI ALTIVOLE (TV) **ITALIA**

Stability - EN 1022:2005

Type of chair: fixed geometry

Minimum horizontal force for rearwards overturning of fixed back chair: 155 N

Forwards overturning

Horizontal force 20 N does not overturn

Rearwards overturning

Fixed back chair

Horizontal force 155 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 //

The test result complies with the requirements of EN 1022:2005.

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GABER S.R.L. **VIA TONIOLO 26** 31030 CASELLE DI ALTIVOLE (TV) **ITALIA**

Stability EN 1022:2018, clause 7.3

Type of chair: fixed geometry

Positioning of chair components: as specified in Table 1 of EN 1022:2018 Loads and masses according to table B1 of EN 1022:2018, annex B

Forwards overturning

Forwards overturning, clause 7.3.1 : does not overturn

Forwards overturning for seating with foot rest, clause 7.3.2 : // Corner stability, clause 7.3.3 : //

Sideways overturning

Sideways overturning, all seating without arm rests, clause 7.3.4 : //

Seating with arm rests, clause 7.3.5.2 : does not overturn

Seating with raised side edges, clause 7.3.5.3 : //

Rearwards overturning

Rearwards overturning all seating with back rests, clause 7.3.6

: does not overturn Minimum force required: 155 N

Tilting seating, clause 7.4.2 : // Reclining seating with leg rest, clause 7.4.3 // Reclining seating without leg rest, clause 7.4.4 Rearwards stability test for rocking chairs, clause 7.4.5 //

The test results comply with the requirements in clause 7.2 of EN 1022:2018.

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