

Date received: 07/09/20

Date of issue: 16/09/20

Report consists of 9 test reports.

Defects before testing: None

Sample name: ARTESIA Sedia

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

SAMPLE N° 296214

Overall dimensions: 540 x 510 x 830 (h) mm

List of test reports:

1. Safety requirements EN 16139:2013+AC:2013
2. Seat and back static load test EN 1728:2012+AC:2013
3. Vertical load on back rest EN 1728:2012+AC:2013
4. Seat and back fatigue test EN 1728:2012+AC:2013
5. Seat front edge durability test EN 1728:2012+AC:2013
6. Leg forward static load test EN 1728:2012+AC:2013
7. Seat impact test EN 1728:2012+AC:2013
8. Back impact test EN 1728:2012+AC:2013
9. Stability EN 1022:2018, clause 7.3



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*Managing Director
Dr. Andrea Giavon*

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SAMPLE N° 296214

Date of issue: 16/09/20
Sample weight: Not determined
Sample name: ARTESIA Sedia



Side view



Rear view



Bottom view

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TEST REPORT

296214 / 1

Revision: 0
Date received: 07/09/20
Date of test: 08/09/20
Date of issue: 16/09/20



Sample name: ARTESIA Sedia

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: • It shall not be 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 be possible for any load bearing part of the seating to come loose unintentionally	Yes
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 $\geq 8 \text{ mm} \leq 25 \text{ mm}$: • 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+AC:2013:	YES

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TEST REPORT

296214 / 2

Revision: 0
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Date of issue: 16/09/20



Sample name: ARTESIA Sedia

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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TEST REPORT

296214 / 3

Revision: 0
Date received: 07/09/20
Date of test: 08/09/20
Date of issue: 16/09/20



Sample name: ARTESIA Sedia

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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TEST REPORT

296214 / 4

Revision: 0
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Date of test: 08/09/20
Date of issue: 16/09/20



Sample name: ARTESIA Sedia

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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TEST REPORT

296214 / 5

Revision: 0
Date received: 07/09/20
Date of test: 14/09/20
Date of issue: 16/09/20



Sample name: ARTESIA Sedia

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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TEST REPORT

296214 / 6

Revision: 0
Date received: 07/09/20
Date of test: 16/09/20
Date of issue: 16/09/20



Sample name: ARTESIA Sedia

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:

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

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TEST REPORT

296214 / 7

Revision: 0
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Date of test: 16/09/20
Date of issue: 16/09/20



Sample name: ARTESIA Sedia

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	geometric centre of single seating position	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

296214 / 8

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Sample name: ARTESIA Sedia

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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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TEST REPORT

296214 / 9

Revision: 0
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Sample name: ARTESIA Sedia

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 : does not overturn

Sideways overturning

Sideways overturning, all seating without arm rests, clause 7.3.4 : does not overturn

Seating with arm rests, clause 7.3.5.2 : //

Seating with raised side edges, clause 7.3.5.3 : //

Rearwards overturning

Rearwards overturning all seating with back rests, clause 7.3.6

Minimum force required: 162 N : does not overturn

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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