

Report ID: 338861  
Date of sample receipt: 10/11/22  
Date of issue: 23/11/22

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

Sample name: Unik

## SAMPLE N° 338861

Overall dimensions: 545 x 555 x 820 (h) mm

### List of test reports:

1. Seat and back static load test EN 1728:2012+AC:2013
2. Vertical load on back rest EN 1728:2012+AC:2013
3. Seat and back fatigue test EN 1728:2012+AC:2013
4. Seat front edge durability test EN 1728:2012+AC:2013
5. Leg forward static load test EN 1728:2012+AC:2013
6. Leg sideways 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



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*The managing director  
Dr. Franco Bulian*  
*luc uie*

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## SAMPLE N° 338861

Date of issue: 23/11/22  
Sample weight: Not determined  
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Side view



Rear view



Bottom view

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**TEST REPORT**

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Revision: 0  
Date of sample receipt: 10/11/22  
Date of test: 11/11/22  
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**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
1.700	410	10	No defects

Note:

In order to avoid tipping, the applied back force according to clause 6.2.1 of EN 1728:2012+AC:2013, has been reduced from 560 N to 410 N and the seat force has been increased from 1600 N to 1700 N.

The minimum back force required is 410 N.

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 a), b), c) and d) of EN 16139:2013+AC:2013, level 1.

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The managing director  
Dr. Franco Bulian  
*(Handwritten signature)*

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**TEST REPORT**

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Date of test: 11/11/22  
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GABER S.R.L.  
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**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 a), b), c) and d) of EN 16139:2013+AC:2013, level 1.

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GABER S.R.L.  
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**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:

The test results comply with the requirements in clause 5 a), b), c) and d) of EN 16139:2013+AC:2013, level 1.

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Date of test: 18/11/22  
Date of issue: 23/11/22



Sample name: Unik

GABER S.R.L.  
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**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 a), b), c) and d) of EN 16139:2013+AC:2013, level 1.

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**TEST REPORT**

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**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 a), b), c) and d) of EN 16139:2013+AC:2013, level 1.

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Sample name: Unik

GABER S.R.L.  
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**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
375	1.000	10	No defects

Note:

The test results comply with the requirements in clause 5 a), b), c) and d) of EN 16139:2013+AC:2013, level 1.

According to EN 1728:2012+AC:2013, horizontal force has been reduced from 400 N to 375 N, to avoid tipping.

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**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	seat loading point (A)	10	No defects
25	240	on the longitudinal axis, 100 mm from the front seat edge	10	No defects

Note:

The test results comply with the requirements in clause 5 a), b), c) and d) of EN 16139:2013+AC:2013, level 1.

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**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 a), b), c) and d) of EN 16139:2013+AC:2013, level 1.

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