

Date received: 28/04/16

Date of issue: 15/06/16

Report consists of 9 test reports.

Defects before testing: None

Sample name: LP

KRISTALIA S.R.L.  
VIA CALDERANO 5  
33070 BRUGNERA (PN)  
ITALIA

## SAMPLE N° 213410

Overall dimensions: 590 x 510 x 770 (h) mm

### List performed tests:

1. Stability - EN 1022:2005
2. Seat and back static load test EN 1728:2012+AC:2013
3. Vertical load on back rest EN 1728:2012+AC:2013
4. Arm sideways static load test EN 1728:2012+AC:2013
5. Arm downwards static load test EN 1728:2012+AC:2013
6. Seat and back fatigue test EN 1728:2012+AC:2013
7. Seat front edge durability test EN 1728:2012+AC:2013
8. Arm fatigue test EN 1728:2012+AC:2013



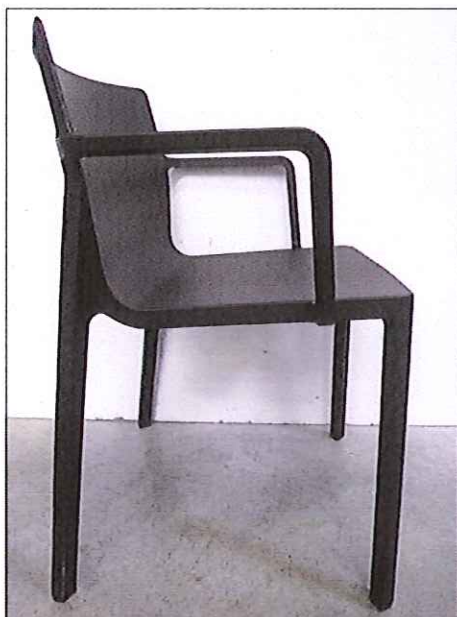
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Managing Director  
Dr. Andrea Giavon

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## SAMPLE N° 213410

Date of issue: 15/06/16  
Sample weight: Not determined  
Sample name: LP



Side view



Rear view



Bottom view

**TEST REPORT**

**213410 / 1**

Date received: 28/04/16  
Date of test: 06/05/16  
Date of issue: 15/06/16  
Sample name: LP



KRISTALIA S.R.L.  
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**Stability - EN 1022:2005**

Type of chair: fixed geometry

Minimum horizontal force for rearwards overturning of fixed back chair: 163 N

**Forwards overturning**

Horizontal force : 20 N does not overturn

**Rearwards overturning**

Fixed back chair

Horizontal force : 163 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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**TEST REPORT**

**213410 / 2**

Date received: 28/04/16  
Date of test: 09/05/16  
Date of issue: 15/06/16  
Sample name: LP



KRISTALIA S.R.L.  
VIA CALDERANO 5  
33070 BRUGNERA (PN)  
ITALIA

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

Seat and back static load test, clause 6.4

Test results:

Seat load N	Back force N	Number of cycles	Remarks
2.000	700	10	No defects

Seat front edge static load, clause 6.5

Seat load N	Number of cycles	Remarks
1.600	10	No defects

Note:

The test has been carried out according to table 1 of EN 16139:2013, level L2 - extreme.

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Managing Director  
Dr. Andrea Glavan

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**TEST REPORT**

**213410 / 3**

Date received: 28/04/16  
Date of test: 11/05/16  
Date of issue: 15/06/16  
Sample name: LP



KRISTALIA S.R.L.  
VIA CALDERANO 5  
33070 BRUGNERA (PN)  
ITALIA

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

Vertical static load on back rest clause 6.6

Test results:

Seat load N	Downwards force N	Number of applications	Remarks
1.800	900	10	No defects

Note:

The test has been carried out according to table 1 of EN 16139:2013, level L2 - extreme.

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Managing Director  
Dr. Andrea Giavon

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TEST REPORT

213410 / 4

Date received: 28/04/16  
Date of test: 11/05/16  
Date of issue: 15/06/16  
Sample name: LP



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ITALIA

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

Arm sideways static load test clause 6.10

Test results:

Horizontal force N	Number of applications	Remarks
900	10	No defects

Note:

The test has been carried out according to table 1 of EN 16139:2013, level L2 - extreme.

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*Managing Director*  
Dr. Andrea Giavon

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TEST REPORT

213410 / 5

Date received: 28/04/16  
Date of test: 11/05/16  
Date of issue: 15/06/16  
Sample name: LP



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VIA CALDERANO 5  
33070 BRUGNERA (PN)  
ITALIA

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

Arm downwards static load test clause 6.11

Test results:

Vertical force N	Number of applications	Remarks
900	5	No defects

Note:

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Managing Director  
Dr. Andrea Caven

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TEST REPORT

213410 / 6

Date received: 28/04/16  
Date of test: 17/05/16  
Date of issue: 15/06/16  
Sample name: LP



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VIA CALDERANO 5  
33070 BRUGNERA (PN)  
ITALIA

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

Seat and back fatigue test, clause 6.17

Test results:

Seat force N	Back force N	Number of cycles	Remarks
1.000	300	200.000	No defects

Note:

The test has been carried out according to table 1 of EN 16139:2013, level L2 - extreme.

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Managing Director  
Dr. Andrea Giaroni

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# TEST REPORT

213410 / 7

Date received: 28/04/16  
Date of test: 01/06/16  
Date of issue: 15/06/16  
Sample name: LP



KRISTALIA S.R.L.  
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33070 BRUGNERA (PN)  
ITALIA

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

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	100.000	No defects

Note:

The test has been carried out according to table 1 of EN 16139:2013, level L2 - extreme.

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*Managing Director*  
*Dr. Andrea Giavon*

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## TEST REPORT

213410 / 8

Date received: 28/04/16

Date of test: 08/06/16

Date of issue: 15/06/16

Sample name: LP



KRISTALIA S.R.L.  
VIA CALDERANO 5  
33070 BRUGNERA (PN)  
ITALIA

### Arm fatigue test EN 1728:2012+AC:2013

Arm fatigue test clause 6.20

Test results:

Force on arm rest N	Number of cycles	Remarks
400	60.000	No defects

Note:

The test has been carried out according to table 1 of EN 16139:2013, level L2 - extreme.

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Managing Director

Dr. Andrea Ciavon

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