

Date received: 16/07/15

Date of issue: 15/09/15

Report consists of 6 test reports.

Defects before testing: None

Sample name: SHARKY

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

## SAMPLE N° 199133

Overall dimensions: 460 x 520 x 1010 (h) mm

### List performed tests:

1. Foot rest static load test EN 1728:2012+AC:2013
2. Seat and back fatigue test EN 1728:2012+AC:2013
3. Foot rest durability test EN 1728:2012+AC:2013
4. Leg forward static load test EN 1728:2012+AC:2013
5. Leg sideways static load test EN 1728:2012+AC:2013
6. Stability - EN 1022:2005



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Managing Director  
Dr. Andrea Glavon

The sample name and, when relevant, its description, are given by the orderer, and CATAS does not assume responsibility on this matter. This test report relates to the sample submitted for the test and no others. Additions, deletions or alterations are not permitted. This test report must always be reproduced in its entirety. Unless otherwise stated, sampling has been carried out by the orderer.

## SAMPLE N° 199133

Date of issue: 15/09/15  
Sample weight: Not determined  
Sample name: SHARKY



Side view



Rear view



Bottom view

## TEST REPORT

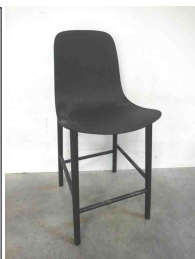
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Date received: 16/07/15

Date of test: 20/07/15

Date of issue: 15/09/15

Sample name: SHARKY



KRISTALIA S.R.L.  
VIA CALDERANO 5  
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## Foot rest static load test EN 1728:2012+AC:2013

Foot rest static load test, clause 6.8

Test results:

Force on foot rest 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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**TEST REPORT**

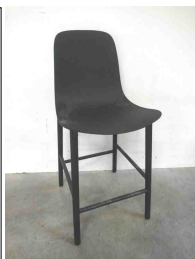
**199133 / 2**

Date received: 16/07/15

Date of test: 20/07/15

Date of issue: 15/09/15

Sample name: SHARKY



KRISTALIA S.R.L.  
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**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 Glavón*

## TEST REPORT

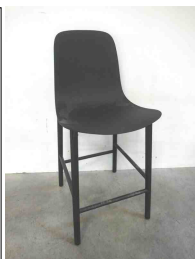
**199133 / 3**

Date received: 16/07/15

Date of test: 27/08/15

Date of issue: 15/09/15

Sample name: SHARKY



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

## Foot rest durability test EN 1728:2012+AC:2013

Foot rest durability test clause 6.21

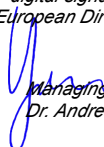
Test results:

Force on footrest N	Number of cycles	Remarks
1.000	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

## TEST REPORT

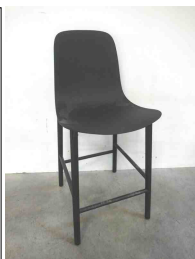
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Date received: 16/07/15

Date of test: 09/09/15

Date of issue: 15/09/15

Sample name: SHARKY



KRISTALIA S.R.L.  
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ITALIA

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

Leg forward static load test clause 6.15

Test results:

Forward horizontal force N	Balancing seat force N	Number of cycles	Remarks
570	1.800	10	No defects

Note:

According to EN 1728:2012, horizontal force has been reduced from 620 N to 570 N, to avoid tipping.

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

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## TEST REPORT

**199133 / 5**

Date received: 16/07/15

Date of test: 09/09/15

Date of issue: 15/09/15

Sample name: SHARKY



KRISTALIA S.R.L.  
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ITALIA

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

Leg sideways static load test clause 6.16

Test results:

Sideways horizontal force N	Balancing seat force N	Number of cycles	Remarks
460	1.800	10	No defects

Note:

According to EN 1728:2012, horizontal force has been reduced from 760 N to 460 N, to avoid tipping.

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

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## TEST REPORT

**199133 / 6**

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Date of issue: 15/09/15

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ITALIA

## Stability - EN 1022:2005

Type of chair: fixed geometry

Minimum horizontal force for rearwards overturning of fixed back chair: 109 N

### Forwards overturning

Horizontal force : 20 N does not overturn

### Rearwards overturning

Fixed back chair

Horizontal force : 109 N does not overturn

### Tilting chair in the rearmost position

Loading discs on the seat : /

### Sideways overturning for chairs with arms

Horizontal force : /

### Sideways overturning for chairs without arms

Horizontal force : 20 N does not overturn

### Forwards overturning for chairs with footrest

Horizontal force : 20 N does not overturn

Test passed

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