

Date received: 25/06/19

Date of issue: 04/10/19

Report consists of 8 test reports.

Defects before testing: None

Sample name: PEB SLEDGE

OMP S.R.L.  
VIA CA' LEONCINO, 2  
31030 CASTELLO DI GODEGO (TV)  
ITALIA

## SAMPLE N° 274316

Overall dimensions: 700 x 750 x 1000 (h) mm

### List of test reports:

1. Stability test ANSI-BIFMA X5.1-2017/11
2. Back durability test - Cyclic-Type II and III ANSI-BIFMA X5.1-2017/15
3. Structural durability test - Cyclic ANSI BIFMA X5.1-2017/24
4. Drop test - Dynamic - ANSI- BIFMA X5.1-2017/7
5. Leg strength test-Front application ANSI-BIFMA X5.1-2017/17
6. Leg strength test- Side application ANSI-BIFMA X5.1-2017/17
7. Seating durability test - Cyclic - ANSI-BIFMA X5.1-2017/10
8. Backrest strength test - Static ANSI-BIFMA X5.1-2017/6



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*Managing Director*  
*Dr. Andrea Giavon*

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## SAMPLE N° 274316

Date of issue: 04/10/19  
Sample weight: Not determined  
Sample name: PEB SLEDGE



Side view



Rear view



Bottom view

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**TEST REPORT**  
**274316 / 1**

Revision: 0  
Date received: 25/06/19  
Date of test: 04/07/19  
Date of issue: 04/10/19



Sample name: PEB SLEDGE

OMP S.R.L.  
VIA CA' LEONCINO, 2  
31030 CASTELLO DI GODEGO (TV)  
ITALIA

**Stability test ANSI-BIFMA X5.1-2017/11**

Type of chair: Type III

Clause 11.3.1

Rear stability for chair type III

|                          |     |    |                   |
|--------------------------|-----|----|-------------------|
| Seat load:               | 60  | kg |                   |
| Minimum force required : | 157 | N  | Does not overturn |
| Measured force:          | 297 | N  |                   |

Clause 11.3.2

Rear stability for chair type I and II

Loading discs on the seat: /

Clause 11.4

Front stability

|                         |      |    |                   |
|-------------------------|------|----|-------------------|
| Vertical load:          | 61   | kg |                   |
| Minimum force required: | 20   | N  | Does not overturn |
| Measured force:         | > 30 | N  |                   |

The test results comply with the requirements in clause 11.3.1.3 and 11.4.4 of ANSI-BIFMA X5.1-2017

Unless otherwise specified, measurement uncertainty expanded to a confidence level of about 95% is  $\pm 2$  N.

The measurement uncertainties stated in this document have been determined according to UNI CEI 70098-3:2016. They were estimated as expanded uncertainty obtained by multiplying the standard uncertainty by the coverage factor k corresponding to a confidence level of about 95%. Normally k=2.

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**TEST REPORT**

**274316 / 2**

Revision: 0  
Date received: 25/06/19  
Date of test: 25/07/19  
Date of issue: 04/10/19



Sample name: PEB SLEDGE

OMP S.R.L.  
VIA CA' LEONCINO, 2  
31030 CASTELLO DI GODEGO (TV)  
ITALIA

**Back durability test - Cyclic-Type II and III ANSI-BIFMA X5.1-2017/15**

Type of chair: Type III

Test results:

| Number of cycles | Seat load kg | Force application points on the backrest | Backrest force N | Remarks    |
|------------------|--------------|--|------------------|------------|
| 80.000           | 109          | Center of the backrest                   | 334              | No defects |
| 20.000           | 109          | 102 mm right from the center             | 334              | No defects |
| 20.000           | 109          | 102 mm left from the center              | 334              | No defects |

The test results comply with the requirements in clause 15.5 of ANSI-BIFMA X5.1-2017

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Managing Director  
Dr. Anđea Giavon

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**TEST REPORT**  
**274316 / 3**

Revision: 0  
Date received: 25/06/19  
Date of test: 02/08/19  
Date of issue: 04/10/19



Sample name: PEB SLEDGE

OMP S.R.L.  
VIA CA' LEONCINO, 2  
31030 CASTELLO DI GODEGO (TV)  
ITALIA

**Structural durability test - Cyclic ANSI BIFMA X5.1-2017/24**


Type of chair: Type III

Test results:

| Seat load<br>kg | Horizontal<br>Force<br>N | Number<br>of cycles | Remarks    |
|-----------------|--------------------------|---------------------|------------|
| 109             | 334                      | 25.000              | No defects |

The test results comply with the requirements in clause 24.5 of ANSI-BIFMA X5.1-2017

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**TEST REPORT**  
**274316 / 4**

Revision: 0  
Date received: 25/06/19  
Date of test: 07/08/19  
Date of issue: 04/10/19



Sample name: PEB SLEDGE

OMP S.R.L.  
VIA CA' LEONCINO, 2  
31030 CASTELLO DI GODEGO (TV)  
ITALIA

**Drop test - Dynamic - ANSI- BIFMA X5.1-2017/7**

Type of chair: Type III

Height of drop: 152 mm above the uncompressed seat surface

Test results:

| Bag weight<br>kg | Number<br>of drops | Remarks    |
|------------------|--------------------|------------|
| 102              | 1                  | No defects |
| 136              | 1                  | No defects |

The test results comply with the requirements in clause 7.5 of ANSI-BIFMA X5.1-2017

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*Dr. Andrea Giavon*

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**TEST REPORT**  
**274316 / 5**

Revision: 0  
Date received: 25/06/19  
Date of test: 07/08/19  
Date of issue: 04/10/19



Sample name: PEB SLEDGE

OMP S.R.L.  
VIA CA' LEONCINO, 2  
31030 CASTELLO DI GODEGO (TV)  
ITALIA

**Leg strength test-Front application ANSI-BIFMA X5.1-2017/17**

Type of chair: Type III

Test results:

| Leg       | Applied load N | Load application points mm              | Time of application minutes | Remarks    |
|-----------|----------------|---|-----------------------------|------------|
| Right leg | 334            | 38 from the bottom and 25 from the edge | 1                           | No defects |
| Left leg  | 334            | 38 from the bottom and 25 from the edge | 1                           | No defects |

| Leg       | Applied load N | Load application points mm              | Time of application minutes | Remarks    |
|-----------|----------------|---|-----------------------------|------------|
| Right leg | 503            | 38 from the bottom and 25 from the edge | 1                           | No defects |
| Left leg  | 503            | 38 from the bottom and 25 from the edge | 1                           | No defects |

The test results comply with the requirements in clause 17.5 of ANSI-BIFMA X5.1-2017

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**TEST REPORT**  
**274316 / 6**

Revision: 0  
Date received: 25/06/19  
Date of test: 07/08/19  
Date of issue: 04/10/19



Sample name: PEB SLEDGE

OMP S.R.L.  
VIA CA' LEONCINO, 2  
31030 CASTELLO DI GODEGO (TV)  
ITALIA

**Leg strength test- Side application ANSI-BIFMA X5.1-2017/17**

Type of chair: Type III

Test results:

| Leg       | Applied load N | Load application points mm              | Time of application minutes | Remarks    |
|-----------|----------------|---|-----------------------------|------------|
| Front leg | 334            | 38 from the bottom and 25 from the edge | 1                           | No defects |
| Rear leg  | 334            | 38 from the bottom and 25 from the edge | 1                           | No defects |

| Leg       | Applied load N | Load application points mm              | Time of application minutes | Remarks    |
|-----------|----------------|---|-----------------------------|------------|
| Front leg | 503            | 38 from the bottom and 25 from the edge | 1                           | No defects |
| Rear leg  | 503            | 38 from the bottom and 25 from the edge | 1                           | No defects |

The test results comply with the requirements in clause 17.5 of ANSI-BIFMA X5.1-2017

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**TEST REPORT**  
**274316 / 7**

Revision: 0  
Date received: 25/06/19  
Date of test: 03/09/19  
Date of issue: 04/10/19



Sample name: PEB SLEDGE

OMP S.R.L.  
VIA CA' LEONCINO, 2  
31030 CASTELLO DI GODEGO (TV)  
ITALIA

**Seating durability test - Cyclic - ANSI-BIFMA X5.1-2017/10**

Type of chair: Type III

Seat impact test

Height of drop: 36 mm above the uncompressed seat surface

Test results:

| Mass of drop<br>kg | Number<br>of drops | Remarks    |
|--------------------|--------------------|------------|
| 57                 | 100.000            | No defects |

Front corner load-ease test - cyclic -off-center

Test results:

| Seat load<br>N | Number<br>of cycles | Remarks    |
|----------------|---------------------|------------|
| 890            | 20.000              | No defects |

The test results comply with the requirements in clause 10.5 of ANSI-BIFMA X5.1-2017

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**TEST REPORT**  
**274316 / 8**

Revision: 0  
Date received: 25/06/19  
Date of test: 03/10/19  
Date of issue: 04/10/19



Sample name: PEB SLEDGE

OMP S.R.L.  
VIA CA' LEONCINO, 2  
31030 CASTELLO DI GODEGO (TV)  
ITALIA

**Backrest strength test - Static ANSI-BIFMA X5.1-2017/6**

Type of chair: Type III

Test results:

| Back load<br>N | Time<br>of application<br>(minutes) | Remarks    |
|----------------|-------------------------------------|------------|
| 667            | 1                                   | No defects |
| 1.001          | 1                                   | No defects |

The test results comply with the requirements in clause 6.5 of ANSI-BIFMA X5.1-2017

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