

## 1. Subject and range of tests:

Testing furniture for compliance with standards

## 2. Order number: RDM 03/A/18/S

## 3. Customer's name and address:

**Noti Sp. z o.o.**  
**Ul. Sowia 19**  
**62-080 Tarnowo Podgórne**

## 4. Name and symbol of the tested furniture:

**Hocker COMMA**

## 5. Date of tests: 10.03.2018 - 20.03.2018

## 6. Identification of furniture covered by the tests:

The technical description and product design drawing

## 7. The list of standards according to which tests were conducted:

PN-EN 1728:2012  
PN-EN 16139:2013\_07  
PN-EN 1022:2007

## 8. Test results:

The results of strength, durability and stability tests together with the evaluation of test results are given in the following cards 1-06/18/S to 3-06/18 / S of the report from tests No. 06/18/S.

The test results presented in the report relate to the examined samples exclusively. The report card from tests can not be duplicated fragmentary or in the whole.

## 9. Evaluation of test results:

The above mentioned products are consistent with the requirements of the standards.

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Poznań, 20.03.2018



Card no. 1 - 06/18/S

Strength and durability tests. **PIECE OF FURNITURE FOR SEATING**

The name and type of furniture: Hocker COMMA  
Mass of furniture in N: 110  
Furniture dimensions in mm: height: 1050 width: 460 depth: 480

**Methodology: PN-EN 1728:2012**

**Requirements: PN-EN 16139:2013\_07 - level 1**

The standard point	Test	Test specifications/parameters	Test results
6.4	Seat static load and back static load test	Seat: force 1600 N Back: force 560 N 10 times	Positive
6.5	Seat front edge static load test	Seat: force 1300 N 10 times	Positive
6.6	Vertical load on back rests	The vertical force 600 N 10 times	Positive
6.7	Horizontal forward static load test on back rests	The horizontal force 450 N 10 times	Positive
6.15	Leg forward static load test	Seat: force 1000 N The horizontal force 500 N 10 times	Positive
6.16	Leg sideways static load test	Seat: force 1000 N The horizontal force 400 N 10 times	Positive

Research executed:

M. Sc. eng. Karol Łabęda

Results checked:

M. Sc. eng. Rafał Westerski

Card no. 2 - 06/18/S

Strength and durability tests. **PIECE OF FURNITURE FOR SEATING**

The name and type of furniture: Hocker COMMA

**Methodology: PN-EN 1728:2012**

**Requirements: PN-EN 16139:2013 07 - level 2**

The standard point	Test	Test specifications/parameters	Test results
6.17	Combined seat and back durability test	Seat: force 1000 N Back: force 300 N 100.000 times	Positive
6.18	Seat front edge durability test	Seat: force 1000 N 50.000 times	Positive
6.24	Seat impact test	Drop height 2400 mm 10 times	Positive
6.25	Back impact test	Drop height 210 mm 10 times	Positive

Research executed: M. Sc. eng. Karol Łabęda .....

Results checked: M. Sc. eng. Rafał Westerski .....



Card no. 3 - 06/18/S

**Stability test. PIECE OF FURNITURE FOR SEATING**

The name and type of furniture: Hocker COMMA  
Height of the seat  $h_s$  in mm: 750

**Methodology and requirements: PN-EN 1022:2007**

The standard point	Test	Test specifications/parameters	Test results
6.2	Forward stability	The vertical force 600 N The horizontal force 20 N 5 s	Positive
6.4	Sideways stability – no armrests	The vertical force 600 N The horizontal force 20 N 5 s	Positive
6.6*	Rearwards stability	The vertical force 600 N The horizontal force 80 N 5 s	Positive

\*(6.6) The horizontal force:  $F = (1000 - h_s) * 0,2857$  [N]  
Height of the seat  $h_s \geq 720$  mm  $F = 80$  N

Research executed: M. Sc. eng. Karol Łabęda .....

Results checked: M. Sc. eng. Rafał Westerski .....