

Date received: 25/07/16

Date of issue: 02/09/16

Report consists of 2 test reports.

Defects before testing: None

Sample name: SAMPLE 1 – CODE 40165910012 – CASTOR SQ90 HGA WHEEL TREAD "H"

SQUADRONI PRODUTOS INDUSTRIAIS LTDA.
RUA DR. ULISSES GUIMARAES 694-ACIBAM
09372-050 SERTAOZINHO-MAUA' ()
BR - BRAZIL**SAMPLE N° 218146**

Overall dimensions: Ø 50 mm

List performed tests:

1. Caster/chair base durability-Cyclic ANSI-BIFMA X5.1-2011/17
2. Castors and wheels - Impact test EN 12527:1998 clause 4.12



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Managing Director
Dr. Andrea Giavon



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TEST REPORT

218146 / 1

Date received: 25/07/16
Date of test: 04/08/16
Date of issue: 02/09/16



SQUADRONI PRODUTOS INDUSTRIAIS LTDA.
RUA DR. ULISSES GUIMARAES 694-ACIBAM
09372-050 SERTAOZINHO-MAUA'
BR - BRAZIL

Sample name: SAMPLE 1 – CODE 40165910012 – CASTOR SQ90 HGA WHEEL TREAD "H"

Caster/chair base durability-Cyclic ANSI-BIFMA X5.1-2011/17

Type of chair: pedestal base chair with casters

Seat load: 113 kg

Test results:

| Number of cycles | Obstacles | Minimum pull force to separate the caster from the base required N | Pull force to separate the caster from the base measured N | Remarks |
|------------------|-----------|---|---|------------|
| 2.000 | yes | // | // | No defects |
| 98.000 | no | 22 | > 22 | No defects |

Test passed

Note:

The test has been carried out with the castors assembled on a plastic star base

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TEST REPORT

218146 / 2

Date received: 25/07/16
Date of test: 01/09/16
Date of issue: 02/09/16SQUADRONI PRODUTOS INDUSTRIAIS LTDA.
RUA DR. ULISSES GUIMARAES 694-ACIBAM
09372-050 SERTAOZINHO-MAUA'
BR - BRAZIL

Sample name: SAMPLE 1 – CODE 40165910012 – CASTOR SQ90 HGA WHEEL TREAD "H"

Castors and wheels - Impact test EN 12527:1998 clause 4.12Castor type: Hard tread wheels type H
Breaking mechanism: No
Intended use: Castors for swivel chairs
Wheel diameter: 50 mm

Apparatus: impact test device and procedures as specified in clause 4.12.3 of EN 12527 standard

Test level: /

Test results:

| Sample n° | Drop height mm | Falling mass kg | Number of drops | Remarks |
|-----------|----------------|-----------------|-----------------|------------|
| 1 | 200 | 5 | 10 | No defects |
| 2 | 200 | 5 | 10 | No defects |
| 3 | 200 | 5 | 10 | No defects |

The results fulfill the requirements of EN 12529 clause 5.2

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