

Date received: 20/09/18

Date of issue: 19/10/18

Report consists of 2 test reports.

Defects before testing: None

Sample name: SQ90 HGA PRETO C/CAPA PISTA PU GRAFITE / SQ90 HGA BLACK WITH COLLAR AND WHEELS "W" TYPE (SOFT TREAD).

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

SAMPLE N° 258519

Overall dimensions: Ø 50 mm

List performed tests:

1. Caster/chair base durability test -Cyclic ANSI-BIFMA X5.1-2017/16
2. Castors and wheels - Impact test EN 12527:1998 clause 4.12



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Managing Director
Dr. Andrea Giavon

Handwritten signature of Dr. Andrea Giavon in blue ink.

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.

TEST REPORT

258519 / 1

Date received: 20/09/18
Date of test: 03/10/18
Date of issue: 19/10/18



SQUADRONI PRODUTOS INDUSTRIAIS LTDA.
RUA DR. ULISSES GUIMARAES 694-ACIBAM
09372-050 SERTAOZINHO-MAUA'
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Sample name: SQ90 HGA PRETO C/CAPA PISTA PU GRAFITE / SQ90 HGA BLACK WITH COLLAR AND WHEELS "W" TYPE (SOFT TREAD).

Caster/chair base durability test -Cyclic ANSI-BIFMA X5.1-2017/16

Type of chair: Type III

Clause 16.1 - Pedestal base chair with casters

Seat load: 122 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	> 90	No defects

The test results comply with the requirements in clause 16.1.5 of ANSI-BIFMA X5.1-2017

Unless otherwise specified, measurement uncertainty expanded to a confidence level of about 95% is ± 5 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.

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

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TEST REPORT

258519 / 2

Date received: 20/09/18
Date of test: 18/10/18
Date of issue: 19/10/18



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

Sample name: SQ90 HGA PRETO C/CAPA PISTA PU GRAFITE / SQ90 HGA BLACK WITH COLLAR AND WHEELS "W" TYPE (SOFT TREAD).

Castors and wheels - Impact test EN 12527:1998 clause 4.12

Castor type: Soft tread wheels type W
Breaking mechanism: yes
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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