

ICS 97.140
CCS Y 80



**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 38611-2020

**Office furniture - Office work chairs - Test methods for the
determination of stability, strength and durability**

Issued on: March 31, 2020

Implemented on: October 1, 2020

**Issued by: State Administration for Market Regulation, China National
Standardization Administration**

Table of Contents

Foreword

1 Scope

2 Normative references

3 Terms and definitions

Foreword

This standard was drafted in accordance with the rules given in GB/T 1.1-2009.

This standard uses the translation method equivalent to ISO 21015..2007 "Office Furniture Office Work Chair Stability, Strength and Durability Test

Test Method ".

Please note that some content of this document may involve patents. The issuer of this document does not assume responsibility for identifying these patents.

This standard was proposed by the China National Light Industry Council.

This standard is under the jurisdiction of the National Furniture Standardization Technical Committee (SAC/TC480).

This standard was drafted by. Yongyi Furniture Co., Ltd., Foshan Weishang Furniture Manufacturing Co., Ltd., Zhejiang Guohua Furniture Co., Ltd.,

Zhejiang Wuxing Furniture Co., Ltd., Xiamen S & P Standardization Service Co., Ltd., Henglin Home Furnishing Co., Ltd., Shanghai Quality Supervision and Inspection

Technical Research Institute, Zhejiang Shengao Furniture Manufacturing Co., Ltd., Zhongyuan Home Furnishing Co., Ltd., Zhejiang Botai Furniture Co., Ltd., Anwei County Longwei

Furniture Co., Ltd., Dongguan Boyi Furniture Co., Ltd., National Furniture Product Quality Supervision and Inspection Center (Guangdong), National Furniture and Room

Internal Environment Quality Supervision and Inspection Center, Zhejiang Furniture and Hardware Research Institute, Anji County Quality and Technical Supervision and Inspection Center.

1 Scope

This standard specifies the test methods for the stability, strength and durability of office

work chairs. This standard gives the test force value, cycle times

Counting guidance.

Test methods are developed for products that have been fully assembled and ready for use.

The dimensions in the test method only apply to office work chairs for adults.

The test methods include forces acting on different components, simulating various uses of office work chairs during normal use and foreseeable misuse

Usage status.

The test method is used to evaluate the performance of office work chairs without regard to product materials, structural design and production process.

The test result is only valid for the tested sample. When the test results need to be used for other similar products, then the test sample can represent a certain production

The model is very important.

The test conducted in accordance with this standard is to enable the product to provide satisfactory performance in the intended use environment. This test method is

Developed based on testing of unused products or components. If the test method is proved to be reasonable and effective, it can also be applied to product defects

survey.

See Appendix B for the design data of the seat loading pad, and Appendix C for the design data of the stability loading pad.

This standard does not contain requirements for products. The requirements can be specified in separate requirements documents. If there is no required document, the force value

See Appendix A (Informative) for the number of cycles. These loads and cycles are suitable for any adult, regardless of their weight and usage

The length of time to use the product.

This standard does not specify the acceptance test method for individual parts of office work chairs.

This standard does not include performance aging and degradation tests. The test method does not evaluate the durability of soft packages, such as. filling materials and cladding material.

2 Normative references

The following documents are essential for the application of this document. For dated references, only the dated version applies to this article

Pieces. For the cited documents without date, the latest version (including all amendments) applies to this document.

ISO 22880..2004 Castors and wheels swivel chair caster requirements
(Castorsandwheels-Requirementsfor
castorsforswivelchairs)

3 Terms and definitions

The following terms and definitions apply to this document.

3.1

Officeworkchair

Seat with backrest for single use, the seat and above can rotate in the horizontal plane and can be adjusted in height.

Note. Other adjustments may also be included.