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

GB/T 38142-2019

Resilient, textile and laminate floor coverings - Castor chair test

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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 4918.2016 "Flexible, Textile and Laminate Flooring Foot Wheel Test".

The documents of our country that have a consistent correspondence with the international documents referenced in this standard are as follows.

---GB/T 6529-2008 Standard atmosphere for textile conditioning and testing (ISO 139.2005, MOD)

---GB/T 26845-2011 Evaluation of the appearance change of carpet carpet (ISO 9405.2001, IDT)

---GB/T 26847-2011 Textile floor vocabulary (ISO 2424.2007, MOD)

This standard has made the following editorial changes.

--- Incorporate the contents of the International Standard Amendment ISO 4918.2016/Amd.1.2018.

1 Scope

This standard specifies the appearance and stability changes or elasticity of textile floor coverings due to the movement of the foot wheelchair, and the laminate flooring due to the casters.

Determination of damage caused by the movement of the chair, splicing openings, cracks, etc.

2 Normative references

The following documents are indispensable for the application of this document. For dated references, only dated versions apply to this article.

Pieces. For undated references, the latest edition (including all amendments) applies to this document.

ISO 139 textiles for conditioning and testing of standard atmospheres
(Textiles-Standardatmospheresforconditioning
Andtesting)

ISO 1957 mechanism for the selection and interception of specimens for physical testing of
textile floor coverings (Machine-madetextilefloorcover-
ings-Selectionandcuttingofspecimensforphysicaltests)

ISO 2424 Textile Floorings Vocabulary (Textilefloorcoverings-Vocabulary)

Evaluation of the appearance change of ISO 9405 textile floor coverings
(Textilefloorcoverings-Assessmentofchanges
Inappearance)

CEN/T S16354 Laminate floor coverings specifications, requirements and test methods
(Laminatefloorcoverings-Under-
lays-Specification, requirementsandtestmethods)

EN12466 Resilientfloorcoverings-Vocabulary

3 Terms and definitions

The terms and definitions defined by ISO 2424 and EN 12466 apply to this document.

4 Principle

a floor covering consisting of one or more splicing parts, after necessary treatment or connection, rotating and rubbing with 3 casters and reaching the preset

The number of revolutions. The casters carry out multi-directional, starting and repeating planetary gear trains throughout the pavement.

For textile floor coverings, three different evaluation methods are specified.

- a) According to ISO 9405, after the textile floor has passed 5000r and 25000r, the appearance change evaluation (test A);
- b) After 750r, the gray color is evaluated by the gray card (test B);
- c) After the 10000r or 25000r, the damage degree of the sample is evaluated (test C).

For elastic and laminated flooring, damage to the sample, such as delamination, splice openings or cracks, was evaluated.

5 equipment

A typical foot wheelchair device is shown in Figure 1.

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