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Test methods — Resilient floorcoverings

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In the event of any doubts arising as to the contents,
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Foreword

This Japanese Industrial Standard has been revised by the Minister of Economy, Trade and Industry through deliberations at the Japanese Industrial Standards Committee as the result of proposal for revision of Japanese Industrial Standard submitted by Nippon Interior Association (NIF)/Japanese Standards Association (JSA) with a draft being attached, based on the provision of Article 12, paragraph (1) of the Industrial Standardization Act applied mutatis mutandis pursuant to the provision of Article 16 of the said Act. This edition replaces the previous edition (**JIS A 1454** : 2016), which has been technically revised.

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Test methods — Resilient floorcoverings

Introduction

This Japanese Industrial Standard has been prepared based on the following International Standards, modifying some of their technical contents to reflect the local demands in Japan: **ISO 105-B02** : 2014 (Edition 6), **ISO 4892-2** : 2006 (Edition 2), **ISO 4918** : 2016 (Edition 2), **ISO 10580** : 2010 (Edition 1), **ISO 23996** : 2007 (Edition 1), **ISO 23999** : 2018 (Edition 2), **ISO 24341** : 2006 (Edition 1), **ISO 24342** : 2018 (Edition 3), **ISO 24343-1** : 2007 (Edition 1), **ISO 24343-2** : 2018 (Edition 2), **ISO 24343-3** : 2018 (Edition 2), **ISO 24344** : 2008 (Edition 1), **ISO 24345** : 2006 (Edition 1), **ISO 24346** : 2006 (Edition 1) and **ISO 26987** : 2008 (Edition 1).

This Standard contains the following additional test methods that are not included in the corresponding International Standards : test of dimensional stability after immersion in water (Clause **12**), test of thermal expansion coefficient (Clause **13**), curling test (Clause **14**), slip resistance test (Clause **17**), abrasion resistance test (Clause **18**), incombustibility test (Clause **19**), castor resistance test method A (Clause **21**), electric characteristics test (Clause **23**), antibacterial test (Clause **26**) and appearance (Clause **27**).

The vertical lines on both sides and dotted underlines indicate changes from the corresponding International Standard. The procedure for calibration of sliders is provided in Annex JA. A list of modifications from the corresponding International Standards with the explanations is given in Annex JB. In addition, the comparison table between previous and current editions of this Standard on technically significant revisions is given in Annex JC.

1 Scope

This Standard specifies the test methods for resilient floorcoverings (hereafter referred to as floorcoverings) such as vinyl floorcoverings, linoleum floorcoverings, rubber floorcoverings, poly-olefin floorcoverings that are used mainly for building floors.

NOTE The International Standards corresponding to this Standard and the symbol of degree of correspondence are as follows.

ISO 105-B02 : 2014 *Textiles — Tests for colour fastness — Part B02 : Colour fastness to artificial light : Xenon arc fading lamp test*

ISO 4892-2 : 2006 *Plastics — Methods of exposure to laboratory light sources — Part 2 : Xenon-arc lamps*

ISO 4918 : 2016 *Resilient, textile and laminate floor coverings — Castor chair test*

ISO 10580 : 2010 *Resilient, textile and laminate floor coverings — Test method for volatile organic compound (VOC) emissions*

ISO 23996 : 2007 *Resilient floor coverings — Determination of density*