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**Flexible cellular polymeric materials —
Polyurethane foam for load-bearing
applications excluding carpet underlay —
Specification**

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

	Page
Introduction	1
1 Scope	1
2 Normative references	1
3 Terms and definitions	2
4 Classification	3
4.1 General	3
4.2 Type	3
4.3 Class	3
4.4 Grade	7
5 Form	8
6 Quality	8
6.1 Tolerance on mass	8
6.2 Tolerance on apparent density	8
6.3 Tolerance on dimensions	8
6.4 Physical properties	9
6.5 Burning properties	9
7 Test methods	13
7.1 General test conditions	13
7.2 Mass	13
7.3 Apparent density	13
7.4 Dimensions	13
7.5 Hardness	13
7.6 Resilience	13
7.7 Compression set	14
7.8 Hardness loss ratio	14
7.9 Tensile strength and elongation at break	14
7.10 Tensile strength after humidity ageing	14
7.11 Tensile strength after heat ageing	14
8 Inspection	14
8.1 General	14
8.2 Type inspection	14
8.3 Acceptance inspection	15
9 Marking	15
Annex A (informative) Typical applications for each class of material	16
Annex B (informative) Burning properties of flexible polyurethane foam	

	and recommendations regarding its use	17
Annex JA (informative)	Quality items desirable to be considered between the interested parties	19
Annex JB (informative)	Comparison table between JIS and corresponding International Standard	22

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 The Japan Rubber Manufacturers Association (JRMA)/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 K 6401 : 2011**), which has been technically revised.

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Flexible cellular polymeric materials — Polyurethane foam for load-bearing applications excluding carpet underlay — Specification

Introduction

This Japanese Industrial Standard has been prepared based on **ISO 5999** : 2013, Edition 3, with some modifications of the technical contents.

The vertical lines on both sides and dotted underlines indicate changes from the corresponding International Standard. A list of modifications with the explanations is given in Annex JB.

1 Scope

This Standard specifies requirements for flexible load-bearing polyurethane foam of the polyether type, consisting of a network of cells which are essentially open and interconnecting (hereafter referred to as foams).

This Standard is not applicable to polyurethane foams foamed in place, to foams for use in heat-welded systems unless for load-bearing purposes or foams for carpet backing and underlay or for cushioning for packaging.

The foam is classified according to the type of foam, the performance during a fatigue test, and the indentation hardness index used as a means of grading materials.

Recommended applications for the range of flexible polyurethane foams covered by this Standard are listed in Annex A.

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

ISO 5999 : 2013 *Flexible cellular polymeric materials — Polyurethane foam for load-bearing applications excluding carpet underlay — Specification* (MOD)

In addition, symbols which denote the degree of correspondence in the contents between the relevant International Standard and **JIS** are IDT (identical), MOD (modified), and NEQ (not equivalent) according to **ISO/IEC Guide 21-1**.

WARNING Persons using this Standard should be familiar with normal laboratory practice. This Standard does not purport to address all of the safety problems, if any, associated with its use. It is the responsibility of the user of this Standard to establish appropriate safety and health practices.

2 Normative references

Part or all of the provisions of the following standards, through reference in this text,