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Portable cooling boxes

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Foreword

This translation has been made based on the original Japanese Industrial Standard 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 Japan Chemical Innovation Institute (JCII)/Japanese Standards Association (JSA) with the draft being attached, based on the provision of Article 12 Clause 1 of the Industrial Standardization Law applicable to the case of revision by the provision of Article 14.

Consequently **JIS S 2048 : 1997** is replaced with this Standard.

Attention is drawn to the possibility that some parts of this Standard may conflict with a patent right, application for a patent after opening to the public, utility model right or application for registration of utility model after opening to the public which have technical properties. The relevant Minister and the Japanese Industrial Standards Committee are not responsible for identifying the patent right, application for a patent after opening to the public, utility model right or application for registration of utility model after opening to the public which have the said technical properties.

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In the event of any doubts arising as to the contents,
the original JIS is to be the final authority.

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Portable cooling boxes

Introduction This Japanese Industrial Standard has been revised to reflect such currently arising situations as diversification of used materials and consumer needs, and the improvement of quality achieved by advanced technology, and also to promote the use of recycled plastic materials, aiming for economization of the limited resources and development of a more environment-friendly economic society.

No International Standard corresponding to this Standard has been established up to this point.

1 Scope This Standard specifies the portable cooling boxes, not more than 35 L in capacity, generally for the purpose of cooling whose main body is principally made of plastics using heat-insulating material (hereafter referred to as “cooling box”), used for leisure such as fishing and for transport of refrigerated products, etc.

2 Normative references The following standards contain provisions which, through reference in this text, constitute provisions of this Standard. The most recent editions of the standards (including amendments) indicated below shall be applied.

JIS K 6900 *Plastics—Vocabulary*

JIS K 7100 *Plastics—Standard atmospheres for conditioning and testing*

JIS K 7105 *Testing methods for optical properties of plastics*

JIS K 7211 *General rules for testing impact strength of rigid plastics by the falling weight method*

JIS K 7350-1 *Plastics—Methods of exposure to laboratory light sources Part 1: General guidance*

JIS K 7350-4 *Plastics—Methods of exposure to laboratory light sources—Part 4: Open-flame carbon-arc lamps*

JIS L 0803 *Standard adjacent fabrics for staining of colour fastness test*

JIS L 0805 *Grey scale for assessing staining*

JIS L 0848 *Test method for colour fastness to perspiration*

JIS Z 8401 *Guide to the rounding of numbers*

3 Definitions For the purpose of this Standard, the definitions given in **JIS K 6900** and the following definition apply:

- a) **recycled material** reused materials from plastics disposed after being used as products, plastic fragments produced in disposal route in manufacturing process or defective mouldings

Those reused as raw material within the same manufacturing process are excluded.