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Plastics table wares

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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 the Japan Chemical Innovation Institute (JCII)/the 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.

This Standard has been prepared as a result of the revision of the contents of the former standard so as to be in conformity with the present state in which, for the purpose of accommodating to the diversification and popularization of household electric appliances, the quality improvement of the plastics table wares, in particular, in heat resistance and microwave oven resistance is being promoted.

Consequently, **JIS S 2029 : 1984** is replaced with this Standard.

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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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Plastics table wares

Introduction This Japanese Industrial Standard has been prepared as a result of the revision of the contents of the former standard in consideration of the quality improvement of plastics tableware accommodating the diversification and popularization of household electric appliances such as dish washers, microwave ovens and dish dryers, in particular, heat resistance and microwave oven resistance is being promoted.

1 Scope This Standard specifies the plastics tableware (hereafter referred to as “tableware”) excluding those used temporarily.

2 Normative references The following standards contain provisions which, through reference in this Standard, constitute provisions of this Standard. If the indication of the year of coming into effect is given to these referred standards, only the editions of indicated year constitute the provision of this Standard but the revision and amendment made thereafter are not applied. The normative references without the indication of the year of coming into effect apply only to the most recent edition (including amendments).

JIS B 1501 *Steel balls for ball bearings*

JIS B 7502 *Micrometer callipers*

JIS C 1602 *Thermocouples*

JIS C 9250 *Microwave ovens*

JIS G 4401 *Carbon tool steels*

JIS K 5500 *Glossary of terms for coating materials*

JIS K 6900 *Plastics—Vocabulary*

Remarks : **ISO 472 : 1988** *Plastics—Vocabulary* is identical with the said standard.

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

Remarks : **ISO 4892-4 : 1994** *Plastics—Methods of exposure to laboratory light sources—Part 4 : Open-flame carbon-arc lamps* is identical with the said standard.

JIS L 0804 *Grey scale for assessing change in colour*

JIS Z 1522 *Pressure sensitive adhesive cellophane tapes*

JIS Z 8401 *Guide to the rounding of numbers*

JIS Z 8703 *Standard atmospheric conditions for testing*

3 Definitions For the purposes of this Standard the definitions given in **JIS K 5500** and **JIS K 6900**, and the following definitions apply.

- a) **plastics table ware** Tableware, lunch boxes and sealed receptacles made of plastics.
- b) **high frequency heating** Heating by means of the electromagnetic wave of 2 450 MHz band frequency (high frequency).
- c) **muffle painting** Work to give a picture or pattern. In muffle painting, a picture or pattern is given by means of transcription, foil, film, paint, etc.

4 Classification and division

4.1 Classification Tableware is classified into tableware, lunch boxes and sealed receptacles.

- a) Among those classified as tableware are WAN, DONBURI, dish, pot, bowl and cup.
- b) Lunch boxes consist of body and lid, and are classified into covering lid type without sealing function and fastener type, screw type and interlocking type with sealing function.
- c) Sealed receptacles are so constructed that liquid hardly leaks and is classified into fastener type, screw type and interlocking type according to sealing methods.

4.2 Division The divisions of tableware according to boil resistance and microwave oven resistance are as given in Table 1.

Table 1 Classification and division of tableware

Classification	Boil resistance	Microwave oven resistance
Tableware Lunch box Sealed receptacle	Resistant to boil	Appropriate for use in microwave oven
		Not appropriate for use in microwave oven
	Not resistant to boil but possible to be filled with boiled water	Not appropriate for use in microwave oven

Remarks : The tableware appropriate for use in microwave oven shall be of the heat resistance labelled of not lower than 140 °C based on the Household Goods Quality Labelling Law.

5 Quality

5.1 Sanitation The tableware shall conform to the standard criteria of foods and additives provided in the Food Sanitation Law (Law No. 233, 1947). In the case of coated and muffle painted tableware, this clause also applies to their base material.

5.2 Appearance The appearance of tableware shall conform to the following requirements: