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JIS K 5600-2-1 : 2014

(JPMA/JSA)

Testing methods for paints—Part 2: Characteristics and stability of paints—Section 1: Colour number (Visual method)

ICS 87.040

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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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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 Paint Manufacturers Association (JPMA)/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 K 5600-2-1** : 1999 is replaced with this Standard.

Attention is drawn to the possibility that some parts of this Standard may conflict with patent rights, applications for a patent after opening to the public or utility model rights. The relevant Minister and the Japanese Industrial Standards Committee are not responsible for identifying any of such patent rights, applications for a patent after opening to the public or utility model rights.

JIS K 5600-2 series consists of the following 7 parts under the general title "*Testing methods for paints—Part 2: Characteristics and stability of paints*":

Section 1: Colour number (Visual method)

Section 2: Viscosity

Section 3: Viscosity (Cone and plate methods)

Section 4: Density (Pyknometer method)

Section 5: Fineness of grind

Section 6: Pot life

Section 7: Storage stability

Testing methods for paints— Part 2: Characteristics and stability of paints—Section 1: Colour number (Visual method)

Introduction

This Japanese Industrial Standard has been prepared based on the first edition of **ISO 4630-1** published in 2004 with some additions of specifications as well as modifications of the technical contents.

The portions given dotted underlines are the matters in which the contents of the corresponding International Standard have been modified. A list of modifications with the explanations is given in Annex JA.

1 Scope

This Standard specifies a method for estimating, by means of the Gardner colour scale, the colour of clear, yellow/brown liquid products using colour-measuring instruments.

It is applicable to drying oils, varnishes and solutions of fatty acids, polymerized fatty acids, resins, tall oil, tall oil fatty acids, rosin and related products.

It is applicable to products having colours from Gardner 1 to Gardner 18.

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

ISO 4630-1:2004 *Clear liquids—Estimation of colour by the Gardner colour scale—Part 1: Visual method* (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**.

2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this Standard. For standards with the year indication, only the editions of the indicated year shall be applied and the revisions (including amendments) made thereafter shall not be applied. For those without the indication of the year, the most recent editions (including amendments) shall be applied.

JIS K 0557 *Water used for industrial water and wastewater analysis*

JIS K 5500 *Glossary of terms for coating materials*

JIS K 5600-1-2 *Testing methods for paints—Part 1: General rules—Section 2: Sampling*

NOTE : Corresponding International standard: ISO 15528 *Paints, varnishes and raw materials for paints and varnishes—Sampling* (IDT)