



JAPANESE
INDUSTRIAL
STANDARD

Translated and Published by
Japanese Standards Association

JIS K 5600-6-2 : 1999

(ISO 2812-2 : 1993)

**Testing methods for paints—
Part 6 : Chemical property of film—
Section 2 : Resistance to liquids
(Water immersion method)**

ICS 87.040

Descriptors : paints, painting, membranes, chemical analysis and testing, liquids,
endurance testing, immersion tests (corrosion)

Reference number : JIS K 5600-6-2 : 1999 (E)

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Foreword

This translation has been made based on the original Japanese Industrial Standard established by the Minister of International Trade and Industry through deliberations at the Japanese Industrial Standards Committee in accordance with the Industrial Standardization Law.

JIS K 5400 corresponding to this Standard will be withdrawn and replaced with this Standard in April 2002, at the time of three years passed after establishment of this Standard.

Consequently it is recommended to comply with this Standard.

JIS K 5600 consists of the following parts.

JIS K 5600 Part 1 Section 1 to Section 8	<i>General rule</i>
JIS K 5600 Part 2 Section 1 to Section 7	<i>Characteristics and stability of paints</i>
JIS K 5600 Part 3 Section 1 to Section 6	<i>Film formability</i>
JIS K 5600 Part 4 Section 1 to Section 7	<i>Visual characteristics of film</i>
JIS K 5600 Part 5 Section 1 to Section 11	<i>Mechanical property of film</i>
JIS K 5600 Part 6 Section 1 to Section 3	<i>Chemical property of film</i>
JIS K 5600 Part 7 Section 1 to Section 8	<i>Long-period performance of film</i>
JIS K 5600 Part 8 Section 1 to Section 6	<i>Evaluation of degradation of paint coatings</i>

JIS K 5600-6 consists of the following sections under the title of "Testing methods for paints—Part 6 : Chemical property of film".

JIS K 5600 Part 6 Section 1	<i>Resistance to liquids (General methods)</i>
JIS K 5600 Part 6 Section 2	<i>Resistance to liquids (Water immersion method)</i>
JIS K 5600 Part 6 Section 3	<i>The effect of heat</i>

Date of Establishment: 1999-04-20

Date of Public Notice in Official Gazette: 1999-04-20

Investigated by: Japanese Industrial Standards Committee
Divisional Council on Chemical

JIS K 5600-6-2:1999, First English edition published in 2000-10

Translated and published by: Japanese Standards Association
4-1-24, Akasaka, Minato-ku, Tokyo, 107-8440 JAPAN

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Printed in Japan

Testing methods for paints—

Part 6 : Chemical property of film—

Section 2 : Resistance to liquids

(Water immersion method)

Introduction This Japanese Industrial Standard has been prepared based on ISO 2812-2 *Paints and varnishes—Determination of resistance to liquids—Part 2 : Water immersion method* issued in 1993 as the first edition without changing the technical contents.

The portions underlined with dots in this Standard are not stated in the original International Standard.

1 Scope This Standard is one of a series of standards dealing with the sampling and testing of paints, varnishes and related products. It specifies a method for determining the resistance of a single-coat film or multi-coat system of paints or related products to the action of water by immersion.

The method gives an indication of the results likely to be obtained when painted articles are stored under conditions where prolonged condensation but not an extremely corrosive atmosphere may be produced. It is not intended to reproduce any particular condition of condensation.

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 edition of indicated year constitutes 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 limiting only to the most recent edition (including the amendment).

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

Remarks : ISO 1512 : 1991, *Paints and varnishes—Sampling of products in liquid or paste form* is identical with the said standard.

JIS K 5600-1-3 *Testing methods for paints—Part 1 : General rule—Section 3 : Examination and preparation of samples for testing*

Remarks : ISO 1513 : 1992, *Paints and varnishes—Examination and preparation of samples for testing* is identical with the said standard.

JIS K 5600-1-4 *Testing methods for paints—Part 1 : General rule—Section 4 : Standard panels for testing*

Remarks : ISO 1514 : 1993, *Paints and varnishes—Standard panels for testing* is identical with the said standard.