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

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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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Contents

	Page
Introduction.....	1
1 Scope.....	1
2 Normative references	1
3 Principle	2
4 Apparatus	3
5 Test specimens	10
6 Test conditions	10
6.1 Temperature.....	10
6.2 Relative humidity of air	11
6.3 Spray cycle	11
6.4 Cycles with dark periods	11
6.5 Filter.....	11
7 Procedure	11
7.1 Mounting the test specimens.....	11
7.2 Exposure	12
7.3 Measurement of radiant exposure	12
7.4 Determination of changes in properties after exposure	12
8 Exposure report	12
Annex JA (normative) Specifications for light source.....	15
Annex JB (informative) Comparison table between JIS and corresponding International Standard	16

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 Plastics Industry Federation (JPIF)/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 7350-4** : 1996 is replaced with this Standard.

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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.

JIS K 7350 consists of the following 4 parts under the general title “*Plastics—Methods of exposure to laboratory light sources*”:

Part 1: General guidance

Part 2: Xenon-arc sources

Part 3: Fluorescent UV lamps

Part 4: Open-flame carbon-arc lamps

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

Introduction

This Japanese Industrial Standard has been prepared based on the second edition of **ISO 4892-4** published in 2004 and Technical Corrigendum 1 (2005) with some modifications of the technical contents. The Technical Corrigendum has been edited and incorporated without modifications.

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

The open-flame carbon-arc lamps are also referred to as “sunshine carbon-arc lamps”.

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 to establish appropriate safety and health practices and to ensure compliance with any national regulatory conditions.

1 Scope

This Standard specifies methods for exposing specimens to open-flame carbon-arc lamps in presence of moisture to reproduce the weathering effects that occur when materials are exposed in actual end-use environments in daylight or daylight filtered through window glass.

Specimen preparation and evaluation of the results are covered in other **JIS** standards for specific materials.

General guidance related to the test is given in **JIS K 7350-1**.

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

ISO 4892-4:2004 *Plastics—Methods of exposure to laboratory light sources—Part 4: Open-flame carbon-arc lamps* and Technical Corrigendum 1 (2005) (MOD)

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

2 Normative references

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