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(JWTC/JSA)

**Plastics—Methods of exposure to  
solar radiation—Part 2: Direct  
weathering and exposure behind  
window glass**

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In the event of any doubts arising as to the contents,  
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## Foreword

This translation has been made based on the original Japanese Industrial Standard established by the Minister of Economy, Trade and Industry through deliberations at the Japanese Industrial Standards Committee according to the proposal for establishment of Japanese Industrial Standard submitted by Japan Weathering Test Center (JWTC)/Japanese Standards Association (JSA) with the draft being attached, based on the provision of Article 12 Clause 1 of the Industrial Standardization Law. Consequently, **JIS K 7219**:1998 has been withdrawn and partially replaced with this Standard.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 or utility model right. 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 or the utility model right.

JIS K 7219 series consists of the following 2 parts under the general title “*Plastics—Methods of exposure to solar radiation*”:

*Part 1: General guidance*

*Part 2: Direct weathering and exposure behind window glass*

# Plastics—Methods of exposure to solar radiation—Part 2: Direct weathering and exposure behind window glass

## Introduction

This Japanese Industrial Standard has been prepared based on the first edition of **ISO 877-2** published in 2009 with some modifications of the technical contents.

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

**ISO 877** is composed of the following parts. However, Part 3 of the said **ISO** has not been established as Japanese Industrial Standard since the climate conditions (annual solar radiation of 3 500 h or more and average humidity during day of 30 % or lower) recommended for the test specified therein are virtually impossible in Japanese climate.

- *Part 1: General guidance*
- *Part 2: Direct weathering and exposure behind window glass*
- *Part 3: Intensified weathering using concentrated solar radiation*

## 1 Scope

This Standard specifies the direct weathering (method A) which is a method for the direct exposure of plastics to climatic environment including solar radiation, and the exposure behind window glass (method B) which is a method for the exposure of plastics to glass-filtered solar radiation.

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

ISO 877-2:2009 *Plastics—Methods of exposure to solar radiation—Part 2: Direct weathering and exposure behind window glass* (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. The most recent editions of the standards (including amendments) indicated below shall be applied.

JIS K 7219-1 *Plastics—Methods of exposure to solar radiation—Part 1: General guidance*

NOTE : Corresponding International Standard: ISO 877-1:2009 *Plastics—Methods of exposure to solar radiation—Part 1: General guidance* (MOD)