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(FGMAJ/JSA)

**Test methods of safety glazing materials  
for road vehicles**

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

This Japanese Industrial Standard has been 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 Flat Glass Manufacturers Association of Japan (FGMAJ)/Japanese Standards Association (JSA) with a draft being attached, based on the provision of Article 12, paragraph (1) of the Industrial Standardization Act applied mutatis mutandis pursuant to the provision of Article 16 of the said Act. This edition replaces the previous edition (**JIS R 3212:2015**), which has been technically revised.

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# Test methods of safety glazing materials for road vehicles

## Introduction

This Japanese Industrial Standard has been prepared based on **ISO 3537** : 2015, Edition 4, **ISO 3538** : 1997, Edition 3, **ISO 3917** : 2016, Edition 4, and **ISO 15082** : 2016, Edition 2, with some modifications of the technical contents to correspond to the relevant laws and regulations in Japan.

The vertical lines on both sides and dotted underlines indicate changes from the corresponding International Standard. A list of modifications with the explanations is given in Annex JB. Annex JA is unique to **JIS** and not given in the corresponding International Standard.

## 1 Scope

This Standard mainly specifies the test methods for safety glazing materials to be used for road vehicles (hereafter referred to as safety glass).

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

ISO 3537 : 2015 *Road vehicles — Safety glazing materials — Mechanical tests*

ISO 3538 : 1997 *Road vehicles — Safety glazing materials — Test methods for optical properties*

ISO 3917 : 2016 *Road vehicles — Safety glazing materials — Test methods for resistance to radiation, high temperature, humidity, fire and simulated weathering*

ISO 15082 : 2016 *Road vehicles — Tests for rigid plastic safety glazing materials* (Overall evaluation: 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 B 7502 *Micrometers*

JIS B 7754 *Light-exposure and light-and-water-exposure apparatus (xenon-arc lamp type)*