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**Balanced biaxially oriented polyethylene  
terephthalate films used for electrical  
purposes**

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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 based on the provision of Article 14, paragraph (1) of the Industrial Standardization Act applied mutatis mutandis pursuant to the provision of Article 16 of the said Act in response to a proposal for revision of Japanese Industrial Standard with a draft being attached, submitted by Japanese Standards Association (JSA), an accredited standards development organization. This edition replaces the previous edition (**JIS C 2318:2007**), which has been technically revised.

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# Balanced biaxially oriented polyethylene terephthalate films used for electrical purposes

## Introduction

This Japanese Industrial Standard has been prepared based on IEC 60674-3-2 : 2019 Edition 2, with some modifications of the technical contents to correspond to the actual situations 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 JA.

## 1 Scope

This Standard specifies the requirements for balanced biaxially oriented polyethylene terephthalate (hereafter referred to as PET) films for electrical purposes used for electrical insulation of electric/electronic appliances, electric wires and other general purposes and for dielectric of capacitors.

It is the responsibility of the user of the method contained or referred to in this Standard to ensure that they are used in a safe manner.

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

IEC 60674-3-2 : 2019 *Specification for plastic films for electrical purposes — Part 3 : Specifications for individual materials — Sheet 2 : Requirements for balanced biaxially oriented polyethylene terephthalate (PET) films used for electrical insulation* (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 C 2150 : 2003 *General rules for plastic films for electrical purposes*

**NOTE** Corresponding International Standard : IEC 60674-1 : 1980 *Specification for plastic films for electrical purposes. Part 1 : Definitions and general requirements*