

# JAPANESE INDUSTRIAL STANDARD

Translated and Published by Japanese Standards Association

JIS Z 1707:2019

(JPI/JSA)

General rules of plastic films for food packaging

**ICS** 55.040

Reference number: JIS Z 1707: 2019 (E)

Z 1707:2019

Date of Establishment: 1975-03-01

Date of Revision: 2019-01-21

Date of Public Notice in Official Gazette: 2019-01-21

Investigated by: Japanese Industrial Standards Committee

Standards Board for ISO area

JIS Z 1707 : 2019, First English edition published in 2019-07

Translated and published by: Japanese Standards Association Mita MT Building, 3-13-12, Mita, Minato-ku, Tokyo, 108-0073 JAPAN

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Printed in Japan HT/HN

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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 Japan Packaging Institute (JPI)/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 Z 1707:1997 is replaced with this Standard.

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## General rules of plastic films for food packaging

JIS Z 1707: 2019

## 1 Scope

This Japanese Industrial Standard specifies general matters common to single-layer plastic films and multi-layer plastic films (hereafter referred to as films) that are used for food packaging. This Standard is not applicable to multi-layer plastic films consisting of paper or metal foils.

NOTE The films mentioned here indicate those mainly composed of membranous high polymer materials that are used as a component of food packaging and those having a thickness of less than 250 µm.

#### 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 B 0633 Geometrical Product Specifications (GPS) Surface texture: Profile method Rules and procedures for the assessment of surface texture
- JIS B 7503 Mechanical dial gauges
- JIS B 7507 Vernier, dial and digital callipers
- JIS B 7516 Metal rules
- JIS K 6768 Plastics Film and sheeting Determination of wetting tension
- JIS K 7100 Plastics Standard atmospheres for conditioning and testing
- JIS K 7124-1 Plastics film and sheeting Determination of impact resistance by the free-falling dart method Part 1: Staircase methods
- JIS K 7124-2 Plastics film and sheeting Determination of impact resistance by the free-falling dart method Part 2: Instrumented puncture test
- JIS K 7125 Plastics Film and sheeting Determination of the coefficients of friction
- JIS K 7126-1 Plastics Film and sheeting Determination of gas-transmission rate Part 1: Differential-pressure method
- JIS K 7126-2 Plastics Film and sheeting Determination of gas-transmission rate Part 2: Equal-pressure method
- JIS K 7127 Plastics Determination of tensile properties Part 3: Test conditions for films and sheets
- JIS K 7129-1 Plastics Film and sheeting Determination of water vapour transmission rate Part 1: Humidity detection sensor method