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Plastics—Determination of tensile properties— Part 2 : Test conditions for moulding and extrusion plastics

ICS 83.080.01

Descriptors : plastics, tensile strength, tensile strain, tensile stress

Reference number : JIS K 7162 : 1994 (E)

K 7162 : 1994 (ISO 527-2 : 1993)

Foreword

This translation has been made based on the original Japanese Industrial Standard established by the Minister of International Trade and Industry through deliberations at Japanese Industrial Standards Committee in accordance with the Industrial Standardization Law:

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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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Plastics — Determination of tensile properties — Part 2: Test conditions for moulding and extrusion plastics

Foreword for Japanese Industrial Standard

This Japanese Industrial Standard has been prepared based on the first edition issued in 1993 of **ISO 527-2**, *Plastics — Determination of tensile properties — Part 2: Test conditions for moulding and extrusion plastics* without changing the technical contents.

The portions with dotted underlines show the matters not included in the original International Standard.

Foreword of original International Standard (extracted)

Together with the other parts of **ISO 527**, it cancels and replaces **ISO Recommendation R 527: 1966**, which has been technically revised.

Annex A of this part of **ISO 527** cancels and replaces **ISO 6239: 1986**, *Plastics — Determination of tensile properties by use of small specimens*.

ISO 527 (JIS K 7161 to 7165) consists of the following parts, under the general title *Plastics — Determination of tensile properties*:

- *Part 1: General principles*

Informative reference: **JIS K 7161** — *Part 1: General principles* is equivalent to this International Standard.

- *Part 2: Test conditions for moulding⁽¹⁾ and extrusion and cast⁽²⁾ plastics*

Informative reference: **JIS K 7162** — *Part 2: Test conditions for moulding and extrusion plastics* is equivalent to this International Standard.

- *Part 3: Test conditions for sheet and film*

Informative reference: **JIS K 7163** to be published is equivalent to this International Standard.

- *Part 4: Test conditions for isotropic and orthotropic fibre-reinforced plastic composites*

Informative reference: **JIS K 7164** to be published is equivalent to this International Standard.

- *Part 5: Test conditions for unidirectional fibre-reinforced plastic composites*

Informative reference: **JIS K 7165** to be published is equivalent to this International Standard.

Notes (1) It refers moulding method using die such as injection moulding, blow moulding, etc.