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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 through deliberations at the Japanese Industrial Standards Committee as the result of proposal for revision of Japanese Industrial Standard submitted by the Japan Plastics Industry Federation (JPIF)/Japan Polyethylene Pipe System Association (JPPE)/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 K 6761:2014** is replaced with this Standard.

However, **JIS K 6761:2014** may be applied in the **JIS** mark certification based on the relevant provisions of Article 19 Clause 1, etc. of the Industrial Standardization Law until November 19, 2018.

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Polyethylene pipes for general purposes

Introduction

This Japanese Industrial Standard has been prepared based on **ISO 4427-1**:2007, Edition 1, and Amendment 1:2015, and **ISO 4427-2**:2007, Edition 1, and Amendment 1:2014 with some modifications of the technical contents.

The vertical lines on both sides and dotted underlines indicate changes from the corresponding International Standards. A list of modifications with the explanations is given in Annex JE.

1 Scope

This Standard specifies the polyethylene pipes for general purposes to be used mainly for the conveyance of water not containing chlorine (hereafter referred to as pipes).

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

ISO 4427-1:2007 *Plastics piping systems—Polyethylene (PE) pipes and fittings for water supply—Part 1: General* and Amendment 1:2015

ISO 4427-2:2007 *Plastics piping systems—Polyethylene (PE) pipes and fittings for water supply—Part 2: Pipes* and Amendment 1:2014 (overall evaluation: MOD)

In addition, symbols which denote the degree of correspondence in the contents between the relevant International Standards 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 B 7502 *Micrometers*

JIS B 7503 *Mechanical dial gauges*

JIS B 7507 *Vernier, dial and digital callipers*

JIS B 7512 *Steel tape measures*

JIS K 6812 *Method for the assessment of the degree of pigment or carbon black dispersion in polyolefin pipes, fittings and compounds*

NOTE : Corresponding International Standard: ISO 18553 *Method for the assessment of the degree of pigment or carbon black dispersion in polyolefin pipes, fittings and compounds* (IDT)

JIS K 6813 *Polyolefin pipes and fittings—Determination of carbon black content by calcination and pyrolysis—Test method and basic specification*