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Double wall polyethylene pipes for water supply

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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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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 6762**:2014 is replaced with this Standard.

However, **JIS K 6762**: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 May 19, 2020.

Attention is drawn to the possibility that some parts of this Standard may conflict with patent rights, applications for a patent after opening to the public or utility model rights. The relevant Minister and the Japanese Industrial Standards Committee are not responsible for identifying any of such patent rights, applications for a patent after opening to the public or utility model rights.

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Double wall polyethylene pipes for water supply

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 by adopting only the matters related to double wall polyethylene pipes for water supply, with some modifications of the technical contents. The amendments to the said International Standards have been incorporated into this Standard.

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 JF.

1 Scope

This Standard specifies the double wall polyethylene pipes to be used for water supply, which have a maximum operating pressure up to and including 0.75 MPa (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*, Amendment 1:2015

ISO 4427-2:2007 *Plastics piping systems—Polyethylene (PE) pipes and fittings for water supply—Part 2: Pipes*, 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 0050 *General rules for chemical analysis*

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