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In the event of any doubts arising as to the contents,  
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## Foreword

This translation has been made based on the original Japanese Industrial Standard 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 Polybutene Pipe Association (JPBPA)/The Japan Plastics Industry Federation (JPIF)/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 6778:2009** is replaced with this Standard.

**JIS K 6778: 2009** 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 August 21, 2017.

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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.

# Polybutene (PB) pipes

## Introduction

This Japanese Industrial Standard has been prepared based on the first edition of **ISO 15876-2** published in 2003 and Amendment 1 : 2007 with some modifications of the technical contents. The last revision was made in 2009 and the revision at this time is to incorporate the contents of **JIS K 6792** and to follow the ordinance of the Ministry of Health, Labour and Welfare in describing the leaching criteria.

The portions given sidelines or dotted underlines are the matters in which the contents of the corresponding International Standard have been modified. A list of modifications with the explanations is given in Annex JF.

## 1 Scope

This Standard specifies polybutene pipes (hereafter referred to as “pipes”) to be used mainly for the conveyance of water at 90 °C or lower.

The polybutene pipes are intended to be used for installations within buildings for the conveyance of water whose working pressure is 0.75 MPa or lower.

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

ISO 15876-2 : 2003 *Plastics piping systems for hot and cold water installations — Polybutylene (PB) — Part 2 : Pipes* and *Amendment 1 : 2007* (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. The most recent editions of the standards (including amendments) indicated below shall be applied.

JIS B 7502 *Micrometer callipers*

JIS B 7507 *Vernier, dial and digital callipers*

JIS K 0050 *General rules for chemical analysis*

JIS K 6900 *Plastics — Vocabulary*

JIS K 6925-1 *Plastics — Polybutene (PB) moulding and extrusion materials — Part 1 : Designation system and basis for specifications*

JIS K 7112 *Plastics — Methods of determining the density and relative density of*