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(JDPA)

**Epoxy-powder coating for interior of  
ductile iron pipes and fittings**

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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 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 Japan Ductile Iron Pipe Association (JDPA) 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 G 5528: 2006** is replaced with this Standard.

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# Epoxy-powder coating for interior of ductile iron pipes and fittings

## 1 Scope

This Japanese Industrial Standard specifies the epoxy-powder coating film (hereafter referred to as “coating film”) formed on the interior of ductile iron pipes specified in **JIS G 5526** and ductile iron fittings specified in **JIS G 5527** (hereafter referred to as “pipes” for both together).

## 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 G 5526 *Ductile iron pipes*

JIS G 5527 *Ductile iron fittings*

JIS K 5101-11-1 *Test methods for pigments — Part 11 : Density — Section 1 : Pyknometer method*

JIS K 5500 *Glossary of terms for coating materials*

JIS K 5600-1-1 *Testing methods for paints — Part 1 : General rule — Section 1 : General test methods (conditions and methods)*

JIS K 5600-1-2 *Testing methods for paints — Part 1 : General rules — Section 2 : Sampling*

JIS K 5600-5-2 *Testing methods for paints — Part 5 : Mechanical properties of film — Section 2 : Cupping test*

JIS K 5600-5-3 *Testing methods for paints — Part 5 : Mechanical property of film — Section 3 : Falling-weight test*

JIS K 5600-5-4 *Testing methods for paints — Part 5 : Mechanical property of film — Section 4 : Scratch hardness (Pencil method)*

JIS K 5600-5-6 *Testing methods for paints — Part 5 : Mechanical property of film — Section 6 : Adhesion test (Cross-cut test)*

JIS K 5600-7-1 *Testing methods for paints — Part 7 : Long-period performance of film — Section 1 : Resistance to neutral spray*

## 3 Terms and definitions

For the purpose of this Standard, the terms and definitions given in **JIS K 5500** apply.