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Metal injection moulding materials — Specifications

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Foreword

This Japanese Industrial Standard has been established by the Minister of Economy, Trade and Industry through deliberations at the Japanese Industrial Standards Committee according to the proposal for establishment of Japanese Industrial Standard submitted by Japan Powder Metallurgy Association (JPMA)/Japanese Standards Association (JSA) with a draft being attached, based on the provision of Article 12, paragraph (1) of the Industrial Standardization Act.

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Introduction

This Japanese Industrial Standard has been prepared based on **ISO 22068** : 2012, Edition 1, with some modifications of the technical contents.

Annex JA is unique to **JIS** and not given in the corresponding International Standard. The vertical lines on both sides and dotted underlines indicate changes from the corresponding International Standard. A list of modifications with the explanations is given in Annex JB.

1 Scope

This Standard specifies the requirements for the chemical composition and mechanical properties of <u>materials produced by the metal injection moulding method (hereafter referred to as materials)</u>.

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

ISO 22068: 2012 Sintered-metal injection-moulded materials — Specifications (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

Part or all of the provisions of the following standards, 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 1211-1	Iron and steel — Determination of carbon content — Part 1 : Com-
	bustion gravimetric method

- JIS G 1211-2 Iron and steel Determination of carbon content Part 2 : Gas volumetric method after combustion
- JIS G 1211-3 Iron and steel Determination of carbon Part 3 : Infrared absorption method after combustion
- JIS G 1211-4 Iron and steel Determination of carbon content Part 4 : Infrared absorption method after combustion in a furnace with preheating or peak separating
- JIS G 1211-5 Iron and steel Determination of carbon content Part 5 : Determination of non-combined carbon