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Unalloyed aluminium ingots for remelting — Classification and composition

Aluminium non allié en lingots pour refusion — Classification et composition

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Contents

Page

Foreword ..... **iv**

1 Scope **1**

2 Normative references **1**

3 Terms and definitions **1**

4 Order **1**

5 Requirements **1**
5.1 Production and manufacturing processes 1
5.2 Quality control 2
5.3 Chemical composition 2
5.4 Freedom from contamination and hazardous materials 3
5.5 Form of products 3

6 Product inspection and testing methods **4**
6.1 General 4
6.2 Chemical analysis of main impurities 4
6.3 Chemical analysis of trace impurities 4
6.4 Sampling from ingots 4

7 Inspection documents **4**

8 Marking of products **5**

9 Packaging **5**

10 Delivery documents **5**

11 Complaints **5**

Annex A (normative) **Rules for writing the designation and the chemical composition of unalloyed aluminium** **7**

Bibliography **9**

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Foreword

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This document was prepared by Technical Committee ISO/TC 79, *Light metals and their alloys*, Subcommittee SC 4, *Unalloyed (refined) aluminium ingots*.

This second edition cancels and replaces the first edition (ISO 115:2003), which has been technically revised.

The main changes are as follows:

— five grades were added to Table 2.

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Unalloyed aluminium ingots for remelting — Classification and composition

1 Scope

This document defines the requirements for grades of unalloyed aluminium ingots intended for remelting. It specifies the classification and designation applicable to these grades, the conditions in which they are produced, their properties and the marks by which they are identified.

2 Normative references

There are no normative references in this document.

3 Terms and definitions

No terms and definitions are listed in this document.

ISO and IEC maintain terminology databases for use in standardization at the following addresses:

— ISO Online browsing platform: available at https://www.iso.org/obp

— IEC Electropedia: available at https://www.electropedia.org/

4 Order

The order, in the form agreed upon between the supplier and the purchaser, shall contain the following information:

a) designation of the unalloyed aluminium in accordance with this document or the customer code after agreement between the supplier and the purchaser;

b) specification of the form of the products, including the mass and dimensions of individual ingots and bundles;

c) quantity: mass, in tonnes (quantity tolerances if required);

d) any requirements for certificates of conformity, test and/or analysis reports or inspection certificates;

e) any additional requirements agreed between the supplier and the purchaser.

5 Requirements

5.1 Production and manufacturing processes

The production and manufacturing processes shall be left to the discretion of the manufacturer.

No obligation shall be placed on the manufacturer to use the same processes for subsequent and similar orders.

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