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Aluminium and aluminium alloys - Castings - Chemical composition of castings for use in contact with foodstuff

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 08/26

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EUROPEAN STANDARD
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EN 601

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Supersedes EN 601:2004

English Version

Aluminium and aluminium alloys - Castings - Chemical composition of castings for use in contact with foodstuff

Aluminium et alliages d'aluminium - Pièces moulées -
Composition chimique des pièces moulées destinées à
entrer en contact avec les denrées alimentaires

Aluminium und Aluminiumlegierungen - Gussstücke -
Chemische Zusammensetzung von Gussstücken, die in
Kontakt mit Lebensmitteln kommen

This European Standard was approved by CEN on 20 April 2026.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

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EN 601:2026 (E)

Contents	Page
European foreword	3
1 Scope.....	4
2 Normative references.....	4
3 Terms and definitions	4
4 Maximum permissible content of elements for foodstuff application	5
4.1 Cast aluminium.....	5
4.2 Cast aluminium alloys	5
5 Selection of cast aluminium and aluminium alloys.....	6
6 Demonstration of compliance with the present standard	7
Annex A (informative) A-deviations.....	8
Bibliography	9

European foreword

This document (EN 601:2026) has been prepared by Technical Committee CEN/TC 132 “Aluminium and aluminium alloys”, the secretariat of which is held by AFNOR.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by December 2026, and conflicting national standards shall be withdrawn at the latest by December 2026.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN shall not be held responsible for identifying any or all such patent rights.

This document supersedes EN 601:2004.

EN 601:2026 includes the following significant technical changes with respect to EN 601:2004:

- Addition of bismuth element limitation in Table 2;
- Deletion of nickel, antimony, strontium element limitations from Table 2;
- Informative reference to European Parliament and Council Directive 94/62/EC of 20 December 1994 and its amendment from 2018 on packaging and packaging waste;
- Addition of a Bibliography.

Any feedback and questions on this document should be directed to the users' national standards body. A complete listing of these bodies can be found on the CEN website.

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EN 601:2026 (E)**1 Scope**

This document specifies the maximum mass content of alloying elements and impurities in aluminium and aluminium alloy cast materials and articles designed to be in contact with foodstuff. It contains provisions for the demonstration of conformity of products with the present document.

NOTE Materials include ingots and liquid metal. Articles are finished goods.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 1706, *Aluminium and aluminium alloys — Castings — Chemical composition and mechanical properties*

EN 10204, *Metallic products - Types of inspection documents*

EN 12258-1, *Aluminium and aluminium alloys - Terms and definitions - Part 1: General terms*

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