

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

DRAFT
prEN 602

March 2025

ICS 67.250; 77.150.10

Will supersede EN 602:2004

English Version

**Aluminium and aluminium alloys - Wrought products -
Chemical composition of semi-finished products used for
the fabrication of articles for use in contact with foodstuff**

Aluminium et alliages d'aluminium - Produits corroyés
- Composition chimique des demi-produits utilisés
pour la fabrication d'articles destinés à entrer en
contact avec les denrées alimentaires

Aluminium und Aluminiumlegierungen -
Knetzeugnisse - Chemische Zusammensetzung von
Halbzeug für die Herstellung von Erzeugnissen, die in
Kontakt mit Lebensmitteln kommen

This draft European Standard is submitted to CEN members for enquiry. It has been drawn up by the Technical Committee CEN/TC 132.

If this draft becomes a European Standard, CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

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Recipients of this draft are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.

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

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European foreword

This document (prEN 602:2025) has been prepared by Technical Committee CEN/TC 132 “Aluminium and aluminium alloys”, the secretariat of which is held by AFNOR.

This document is currently submitted to the CEN enquiry.

This document will supersede EN 602:2004.

EN 602:2025 includes the following significant technical changes with respect to EN 602:2004:

- addition of bismuth element limitation in Table 2;
- deletion of nickel element limitation from Table 2;
- reference to European Parliament and Council Directive 94/62/EC of 20 December 1994 and its amendment from 2018 on packaging and packaging waste.

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1 Scope

This document specifies the maximum percentage content of alloying elements and impurities present in wrought aluminium and aluminium alloys which are fabricated into materials and articles designed to be in contact with foodstuff. It contains provisions for the demonstration of conformity of products with the present standard.

NOTE 1 Materials include semi-finished products. 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 573-3, *Aluminium and aluminium alloys — Chemical composition and form of wrought products — Part 3: Chemical composition*

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

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

3 Terms and definitions

For the purposes of this document the terms and definitions given in EN 12258-1 and the following apply.

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/>

<https://standards.iteh.ai/catalog/standards/sist/cd20e741-509a-4a02-8613-9924521ad931/osist-pren-602-2025>

3.1

aluminium

metal with a minimum content of 99,0 % by mass of aluminium, provided that the content by mass of any other element does not exceed the limit specified in Table 1

Table 1 — Aluminium — Other elements

Element	Maximum content % (by mass)
Iron + Silicon	1,0
Copper	0,10 (if Cr and / or Mn $\geq$ 0,05)
Lead	0,20 (if Cr < 0,05 and Mn < 0,05)
	0,010 0
Other elements ^a each	0,10
^a Other elements are for example, Cr, Mg, Mn, Ni, Zn.	