



BSI Standards Publication

Aluminium and aluminium alloys — Alloyed ingots for remelting — Specifications

National foreword

This British Standard is the UK implementation of EN 1676:2020. It supersedes BS EN 1676:2010, which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee NFE/35, Light metals and their alloys.

A list of organizations represented on this committee can be obtained on request to its secretary.

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Amendments/corrigenda issued since publication

Date	Text affected
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English Version

Aluminium and aluminium alloys - Alloyed ingots for remelting - Specifications

Aluminium et alliages d'aluminium - Lingots pour refusion en alliages d'aluminium - Spécifications

Aluminium und Aluminiumlegierungen - Legierte Masseln zum Wiedereinschmelzen - Spezifikationen

This European Standard was approved by CEN on 2 March 2020.

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Contents

Page

European foreword.....	3
1 Scope.....	5
2 Normative references.....	5
3 Terms and definitions	5
4 Ordering information	7
5 Requirements.....	7
5.1 Production and manufacturing processes	7
5.2 Quality control	7
5.3 Chemical composition	7
5.4 Freedom from defects.....	14
5.5 Form of products	14
6 Product inspection and testing methods.....	14
6.1 Chemical analysis.....	14
6.2 Chemical composition limits.....	14
6.3 Rounding rules for determination of compliance	15
7 Inspection documents	15
8 Marking of products.....	15
9 Packaging	15
10 Delivery documents	16
11 Complaints.....	16
Bibliography.....	17

European foreword

This document (EN 1676:2020) 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of an identical text or by endorsement, at the latest by October 2020, and conflicting national standards shall be withdrawn at the latest by October 2020.

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This document supersedes EN 1676:2010.

Within its programme of work, Technical Committee CEN/TC 132 entrusted CEN/TC 132/WG 23 “Revision of EN 1676 and EN 1706” to revise EN 1676:2010.

In comparison with EN 1676:2010, the following significant changes were made:

- a) In Table 1, the following alloys were deleted:
 - 1) EN AB-21200 [EN AB-Al Cu₄MnMg];
 - 2) EN AB-43100 [EN AB-Al Si₁₀Mg(b)].
- b) In Table 1, the following new alloys were added:
 - 1) EN AB-42300 [EN AB-Al Si₇(Mg)];
 - 2) EN AB-42400 [EN AB-Al Si₇MnMg];
 - 3) EN AB-44600 [EN AB-Al Si₁₀Mn];
 - 4) EN AB-45600 [EN AB-Al Si₇Cu₁Mg_{0,6}];
 - 5) EN AB-47200 [EN AB-Al Si₁₂(Fe)];
 - 6) EN AB-48200 [EN AB-Al Si₁₅Cu₃MgFe].
- c) In Table 1, the maximum limit for lead was reduced to 0,29 %.

- d) In Table 1, the chemical composition limits of the alloys EN AB-43000 [EN AB-Al Si10Mg], EN AB-43300 [EN AB-Al Si9Mg] and EN AB-51300 [EN AB-AlMg5] were modified.
- e) In Table 1, footnotes were added and modified.

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