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I.S. EN 486:2009

Aluminium and aluminium alloys - Extrusion ingots - Specifications

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EN 486

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Supersedes EN 486:1993

English Version

Aluminium and aluminium alloys - Extrusion ingots - Specifications

Aluminium et alliages d'aluminium - Billettes de filage - Spécifications

Aluminium und Aluminiumlegierungen - Pressbarren - Spezifikationen

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Foreword

This document (EN 486:2009) 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of an identical text or by endorsement, at the latest by February 2010, and conflicting national standards shall be withdrawn at the latest by February 2010.

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

This document supersedes EN 486:1993.

Within its programme of work, Technical Committee CEN/TC 132 entrusted CEN/TC 132/WG 2 "Extrusion billets and rolling ingots" to revise EN 486:1993.

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1 Scope

This European Standard specifies the general requirements to be met by extrusion ingots of aluminium and aluminium alloys obtained by semi-continuous or continuous casting, from primary or recycled metal, for general engineering applications.

2 Normative references

The following referenced documents are indispensable for the application 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 573-1, *Aluminium and aluminium alloys — Chemical composition and form of wrought products — Part 1: Numerical designation system*

EN 573-2, *Aluminium and aluminium alloys — Chemical composition and form of wrought products — Part 2: Chemical symbol based designation system*

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 12258-1:1998, *Aluminium and aluminium alloys — Terms and definitions — Part 1: General terms*

EN 14242, *Aluminium and aluminium alloys — Chemical analysis — Inductively coupled plasma optical emission spectral analysis*

EN 14726, *Aluminium and aluminium alloys — Chemical analysis — Guideline for spark optical emission spectrometric analysis*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in EN 12258-1:1998 and the following apply.

3.1
heat
quantity of liquid metal that has simultaneously undergone the same preparatory treatment in the furnace before the casting operation

3.2
bundle
set of ingots held together by suitable means for their transport

4 Ordering information

The ordering information shall define the product required and shall contain the following:

a) the form of the product (extrusion ingot);

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