



Handläggande organ

Fastställt

Utgåva

Sida

SVENSK MATERIAL- & MEKANSTANDARD, SMS

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Lead and lead alloys – Lead

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Bly och blylegeringar – Olegerat bly

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EUROPEAN STANDARD

EN 12659

NORME EUROPÉENNE

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English version

Lead and lead alloys - Lead

Plomb et alliages de plomb - Plomb

Blei und Bleilegerungen - Blei

This European Standard was approved by CEN on 19 August 1999.

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This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the Central Secretariat has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.



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

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Foreword

This European Standard has been prepared by Technical Committee CEN/TC 306 "Lead and lead 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of an identical text or by endorsement, at the latest by March 2000, and conflicting national standards shall be withdrawn at the latest by March 2000.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

Within its programme of work, Technical Committee CEN/TC 306 requested CEN/TC 306/WG 1 "Lead" to prepare the following standard :

EN 12659, *Lead and lead alloys – Lead*.

1 Scope

This European Standard specifies the designation, chemical composition, sampling and analysis, marking and labelling and other requirements for lead.

2 Normative references

This European Standard incorporates, by dated or undated references, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies.

EN 12402, *Lead and lead alloys - Methods of sampling for analysis*.

ISO 11014-1, *Safety data sheet for chemical products - Part 1 : Content and order of sections*.

NOTE For the chemical analysis, prestandards in preparation by CEN/TC 306/WG 3, see bibliography.

3 Terms and definitions

For the purposes of this European Standard, the following definitions apply:

3.1

cast

product of one furnace or crucible melt

NOTE All the ingots from the single cast have the same identifying mark

3.2

ingot

cast product intended for remelting and/or processing

3.3

jumbo

very large ingot with a mass generally much more than 50 kg

3.4

bundle

collection of ingots taken from a single cast and secured if necessary, for the purposes of handling, shipment and storage.

4 Designation

4.1 Material number

The material is designated by number (see table 1). This material number designation is in accordance with the system given in annex A (normative).