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Zinc and zinc alloys – Primary zinc

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Swedish Standards corresponding to documents referred to in this Standard are listed in "Catalogue of Swedish Standards", annually issued by SIS. The Catalogue lists, with reference number and year of Swedish approval, International and European Standards approved as Swedish Standards as well as other Swedish Standards.

Zink och zinklegeringar – Primärzink

Europastandarden EN 1179:1995 gäller som svensk standard. Detta dokument innehåller den officiella engelska versionen av EN 1179:1995.

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ICS 77.120;77.120.60

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Descriptors: zinc, zinc alloys, designation, chemical composition, specifications, marking, acceptance, documents

English version

Zinc and zinc alloys - Primary zinc

Zinc et alliages de zinc - Zinc primaire

Zink und Zinklegierungen - Primärzink

This European Standard was approved by CEN on 1995-08-06. 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.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CEN member.

The European Standards exist 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, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

CEN

European Committee for Standardization
Comité Européen de Normalisation
Europäisches Komitee für Normung

Central Secretariat: rue de Stassart 36, B-1050 BRUSSELS

Contents

Foreword

1 Scope

2 Definitions

3 Manufacture

4 Ordering information

5 Requirements

5.1 Chemical composition

5.2 Shape of ingots

5.3 Surface condition of ingots

6 Sampling

7 Marking and labelling

8 Inspection documents

Foreword

This European Standard has been prepared by the Technical Committee CEN/TC 209 "Zinc and zinc alloys" of which the secretariat is held by AFNOR.

Within its programme of work, Technical Committee CEN/TC209 requested CEN/TC 209/SC2 'Primary zinc' to prepare the following standard:

prEN 1179 Zinc and zinc alloys - Primary zinc.

In the course of its plenary meeting on 27 May 1994, CEN/TC209 'Zinc and zinc alloys' agreed by Resolution No 12, see document CEN/TC209 N 88, to submit this draft for formal vote.

This is one of a series of European Standards for zinc and zinc alloy products. Other products are specified as follows:

prEN 1774	Zinc and zinc alloys - Alloys for foundry purposes - Ingot and liquid
prEN ----*)	Zinc and zinc alloys - Alloys for foundry purposes - Castings
prEN 988	Zinc and zinc alloys - Rolled flat products for building

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 1996, and conflicting national standards shall be withdrawn at the latest by February 1996.

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

*) In course of preparation.

1 Scope

This European Standard specifies the classifications, chemical compositions, marking and other requirements for primary zinc. The grades of zinc included in the standard are those which are traded internationally. The standard does not include requirements for secondary zinc produced by remelting.

2 Definitions

For the purposes of this standard, the following definitions apply:

2.1 ingot: Cast product intended for remelting.

2.2 primary zinc: Zinc obtained from the ore, or other zinc-bearing material, by a process of distillation or by chemical or electrolytic reduction.

NOTE: Primary zinc is normally supplied in ingot form, but may also be available in liquid form.

2.3 cast

2.3.1 cast, for non-continuous casting: Product of one furnace, or crucible melt.

2.3.2 cast, for continuous casting: Identified volume of liquid metal.

2.4 batch: Number of ingots taken from a single cast.