Tsink ja tsingisulamid. Valuprotsessiks kasutatavad sulamid. Valukangid ja sulametall

Zinc and zinc alloys - Alloys for foundry purposes - Ingot and liquid

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

Käesolev Eesti standard EVS-EN 1774:2000 sisaldab Euroopa standardi EN 1774:1997 ingliskeelset teksti. Käesolev dokument on jõustatud 11.01.2000 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes. Standard on kättesaadav Eesti standardiorganisatsioonist.	This Estonian standard EVS-EN 1774:2000 consists of the English text of the European standard EN 1774:1997. This document is endorsed on 11.01.2000 with the notification being published in the official publication of the Estonian national standardisation organisation. The standard is available from Estonian standardisation organisation.

Käsitlusala: See Euroopa standard määrab kindlaks valukangide või sulametalli kujul esinevate valuprotsessis kasutamiseks valmistatud tsingisulamite tähistuse, keemilise koostise, markeerimise ja teised nõuded.	**Scope:**

ICS 77.120.60, 77.150.60

Võtmesõnad: keemiline koostis, markeerimine, sulametallid, tehnilised andmed, tsingisulamid, tsink, tähisega märgistamine, tähistamine, valukangid

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 1774

September 1997

ICS 77.120.60; 77.150.60

Descriptors: Zinc, ingots, castings.

English version

Zinc and zinc alloys – Alloys for foundry purposes
Ingot and liquid

Zinc et alliages de zinc – Alliages pour fonderie – Lingots et liquide

Zink und Zinklegierungen – Gußlegierungen – In Blockform und in flüssiger Form

This European Standard was approved by CEN on 1997-08-09.

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, the Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, the Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, and the United Kingdom.

CEN

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

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

Ref. No. EN 1774 : 1997 E

Contents

Foreword

This European Standard has been prepared by Technical Committee CEN/TC 209 "Zinc and zinc 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 1998, and conflicting national standards shall be withdrawn at the latest by March 1998.

Within its programme of work Technical Committee CEN/TC 209 requested CEN/TC 209/SC 4 "Casting alloys and castings" to prepare the following standard :

EN 1774 Zinc and zinc alloys - Alloys for foundry purposes - Ingots and liquid

This European standard is one a series concerning zinc and zinc alloys for foundry purposes.

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.

1 Scope

This European Standard specifies the designations, chemical compositions, marking and other requirements for zinc alloys, in ingots or liquid form, produced for foundry purposes.

2 Normative references

This European Standard incorporates by dated or undated reference, 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 1179	Zinc and zinc alloys - Primary zinc
pr EN 12019	Zinc and zinc alloys - Optical emission spectrometric analysis
pr EN 12060	Zinc and zinc alloys - Method of sampling - Specifications
ISO 301:1981	Zinc alloy ingots intended for casting

3 Definitions

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

3.1 ingot : Cast product intended for remelting.

3.2 jumbo : Large ingot, not suitable for manual handling, weighing at least 30 kg. Normally a jumbo weighs several hundred kilograms.

3.3 bundle : Collection of ingots taken from one or more batches (see 3.6) and secured, for example by banding, for the purposes of handling, shipment and storage.

3.4 zinc alloys : Zinc with additions of one or more alloying elements, such as : Al, Mg, Cu, Cr, Ti.

NOTE : Zinc alloys are normally supplied in ingot form, but may be available in liquid form.