

Magneesium ja magneesiumisulamid. Legeerimata magneesium

Magnesium and magnesium alloys - Unalloyed
magnesium

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN 12421:2000 sisaldab Euroopa standardi EN 12421:1998 ingliskeelset teksti.</p> <p>Käesolev dokument on jõustatud 11.01.2000 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN 12421:2000 consists of the English text of the European standard EN 12421:1998.</p> <p>This document is endorsed on 11.01.2000 with the notification being published in the official publication of the Estonian national standardisation organisation.</p> <p>The standard is available from Estonian standardisation organisation.</p>
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<p>Käsitlusala: See Euroopa standard määrab kindlaks legeerimata magneesiumivalusulami keemilise koostise. Standard määrab kindlaks liigituse, tähistuse ja markeerimise.</p>	<p>Scope:</p>
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ICS 77.120.20

Võtmesõnad: keemiline koostis, kvaliteet, liigitus, magneesium, markeerimine, teimid, tähistus

ICS 77.120.20

Descriptors: Magnesium, unalloyed magnesium.

English version

Magnesium and magnesium alloys
Unalloyed magnesium

Magnésium et alliages de magné-
sium – Magnésium non allié

Magnesium und Magnesiumlegierun-
gen – Reinmagnesium

This European Standard was approved by CEN on 1998-03-25.

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

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Foreword

This European Standard has been prepared by Technical Committee CEN/TC 190 "Foundry technology", the secretariat of which is held by DIN.

Within its programme of work, Technical Committee CEN/TC 190 requested CEN/TC 190/WG 3.10 " Cast magnesium" to prepare the following standard :

EN 12421

Magnesium and magnesium alloys - Unalloyed magnesium

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 1998, and conflicting national standards shall be withdrawn at the latest by October 1998.

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.

Introduction

This European Standard classifies the commercially available cast unalloyed magnesium into a number of grades suitable for the applications to which they might be put.

1 Scope

This European Standard specifies the chemical composition of cast unalloyed magnesium. It specifies classification, designation and marking.

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.

ISO 31-0 : 1992

Quantities and units – Part 0: General principles

NOTE: Informative references to documents used in the preparation of this standard and cited at the appropriate places in the text, are listed in a bibliography, see annex A.

3 Definitions

For the purposes of this standard the following definitions apply :

3.1 unalloyed magnesium

Magnesium with a minimum mass fraction of 99,0 %.

3.2 cast unalloyed magnesium

Unalloyed magnesium cast in a variety of shapes.

4 Information to be supplied by the purchaser

The enquiry and order shall define the product required and shall contain the following information:

- a) material designation;
- b) product shape;
- c) quantity (e.g. number, mass, etc.);
- d) any requirements for declarations of conformity;
- e) any additional requirements agreed between the manufacturer and the purchaser.

5 Designation

The material shall be designated either by symbol or by number (see table 1).