

Copper and copper alloys — Master alloys

The European Standard EN 1981:2003 has the status of a British Standard

ICS 77.120.30

National foreword

This British Standard is the official English language version of EN 1981:2003. It supersedes BS EN 1981:1998 which is withdrawn.

The UK participation in its preparation was entrusted by Technical Committee NFE/34, Copper and copper alloys, to Subcommittee NFE/34/2, Copper and copper alloy ingots and castings, which has the responsibility to:

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- present to the responsible international/European committee any enquiries on the interpretation, or proposals for change, and keep the UK interests informed;
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Cuivre et alliages de cuivre - Alliages-mères

Kupfer und Kupferlegierungen - Vorlegierungen

This European Standard was approved by CEN on 28 November 2002.

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Contents

	page
Foreword	3
Introduction	4
1 Scope	5
2 Normative references	5
3 Terms and definitions.....	5
4 Designations.....	5
4.1 Material.....	5
4.2 Product.....	6
5 Ordering information	6
6 Requirements	7
6.1 Composition	7
6.2 Product form.....	7
6.3 Physical condition	7
7 Sampling	8
7.1 General.....	8
7.2 Cast analysis	8
7.3 Cases of dispute	8
8 Methods of analysis.....	8
8.1 Routine cast analysis	8
8.2 Determination of chromium(III)-oxide in alloy CuCr10 (CM202E).....	8
8.3 Cases of dispute	8
8.4 Rounding of results	8
9 Declaration of conformity and inspection documentation.....	9
9.1 Declaration of conformity	9
9.2 Inspection documentation	9
10 Marking, labelling, packaging.....	9
Annex A (normative) Method for determination of chromium(III)-oxide in alloy CuCr10 (CM202E)	14
Bibliography	15

Foreword

This document (EN 1981:2003) has been prepared by Technical Committee CEN/TC 133 "Copper and copper alloys", the secretariat of which is held by DIN.

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of an identical text or by endorsement, at the latest by August 2003, and conflicting national standards shall be withdrawn at the latest by August 2003.

This document supersedes EN 1981:1998.

In comparison with the first edition of EN 1981:1998, the following significant technical changes were made:

- a) Subclause 5 h) added;
- b) Compositions of the materials in Table 1 partially amended;
- c) CuMn20 (CM208E) and CuTi28 (CM235E) deleted;
- d) CuCo10 (CM237E), CuLi2 (CM123C), CuMg10 (CM238E), CuNi50 (CM239E), CuSi30(A) (CM240E), CuSi30(B) (CM241E), CuTi30 (CM244E), CuZr50(B) (CM242E), CuZr50(C) (CM243E) added.

Annex A is normative.

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, Hungary, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Slovakia, Spain, Sweden, Switzerland and the United Kingdom.

Introduction

This European Standard has been prepared at the suggestion of the manufacturers of cast and wrought copper alloys, by representatives of the producers and users of master alloys. There is, at present, no similar international standard for copper-based master alloys.

In several cases more than one grade of a particular master alloy is specified, having differing impurity limits, to satisfy the requirements of various end products.