



NSAI
Standards

Irish Standard
I.S. EN 1976:2012

Copper and copper alloys - Cast unwrought copper products

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I.S. EN 1976:2012

Incorporating amendments/corrigenda/National Annexes issued since publication:

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I.S. xxx: Irish Standard – national specification based on the consensus of an expert panel and subject to public consultation.

S.R. xxx: Standard Recommendation - recommendation based on the consensus of an expert panel and subject to public consultation.

SWIFT xxx: A rapidly developed recommendatory document based on the consensus of the participants of an NSAI workshop.

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Údarás um Chaighdeáin Náisiúnta na hÉireann

English Version

Copper and copper alloys - Cast unwrought copper products

Cuivre et alliages de cuivre - Formes brutes de coulée en
cuivre

Kupfer und Kupferlegierungen - Gegossene Rohformen aus
Kupfer

This European Standard was approved by CEN on 18 August 2012.

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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 CEN-CENELEC Management Centre has the same status as the official versions.

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Contents

Page

Foreword.....	3
1 Scope	4
2 Normative references	4
3 Terms and definitions	4
4 Designations	5
4.1 Material	5
4.2 Product	5
5 Ordering information	6
6 Requirements	7
6.1 Composition	7
6.2 Electrical properties	7
6.3 Hydrogen embrittlement	12
6.4 Scale adhesion.....	13
6.5 Dimensions, mass and tolerances.....	13
6.6 Physical condition of refinery shapes.....	15
7 Sampling.....	16
7.1 Arrangement of lots for sampling purposes.....	16
7.2 Inspection lots for analysis and physical testing.....	16
8 Test methods.....	17
8.1 Analysis	17
8.2 Physical tests	17
8.3 Rounding of results	18
9 Declaration of conformity and inspection documentation.....	18
9.1 Declaration of conformity	18
9.2 Inspection documentation	18
10 Marking	18
Annex A (informative) Available products and grades.....	19
Annex B (informative) Information on electrical resistivity and conductivity relationships	20
Bibliography.....	22

Foreword

This document (EN 1976:2012) 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 April 2013, and conflicting national standards shall be withdrawn at the latest by April 2013.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

This document supersedes EN 1976:1998.

This is one of a series of European Standards for products manufactured from refined copper grades.

Other products are specified as follows:

- EN 1977, *Copper and copper alloys — Copper drawing stock (wire rod)*;
- EN 1978, *Copper and copper alloys — Copper cathodes*.

In comparison with the first edition of EN 1976:1998, the following significant changes were made:

- a) Clause 3, Terms and definitions for the various refinery shapes have been added from ISO 197-2;
- b) Table 2, Cu-FRHC, Other elements – content has been modified and a new footnote "d" has been added.

Within its programme of work, Technical Committee CEN/TC 133 requested CEN/TC 133/WG 1 "Unwrought copper products" to revise the following standard:

EN 1976:1998, *Copper and copper alloys — Cast unwrought copper products*.

According to the CEN/CENELEC Internal Regulations, the national standards organisations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

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