



SLOVENSKI STANDARD
oSIST prEN 1977:2026
01-april-2026

Baker in bakrove zlitine - Polizdelki za bakreno žico

Copper and copper alloys - Copper drawing stock (wire rod)

Kupfer und Kupferlegierungen - Vordraht aus Kupfer

Cuivre et alliages de cuivre - Fil machine en cuivre

Ta slovenski standard je istoveten z: prEN 1977

ICS:

77.150.30 Bakreni izdelki Copper products

oSIST prEN 1977:2026 **en,fr,de**

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

DRAFT
prEN 1977

January 2026

ICS 77.150.30

Will supersede EN 1977:2013

English Version

Copper and copper alloys - Copper drawing stock (wire rod)

Cuivre et alliages de cuivre - Fil machine en cuivre

Kupfer und Kupferlegierungen - Vordraht aus Kupfer

This draft European Standard is submitted to CEN members for enquiry. It has been drawn up by the Technical Committee CEN/TC 133.

If this draft becomes a European Standard, 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.

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Recipients of this draft are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

Contents	Page
European foreword	4
Introduction	5
1 Scope	6
2 Normative references	6
3 Terms and definitions	6
4 Designations	6
4.1 Material	6
4.1.1 General	6
4.1.2 Symbol	6
4.1.3 Number	7
4.2 Product	7
5 Ordering information	8
6 Requirements	9
6.1 Composition	9
6.2 Elongation	9
6.3 Electrical properties	9
6.4 Annealability	15
6.5 Hydrogen embrittlement	16
6.6 Scale adhesion	16
6.7 Dimensions and tolerances	16
6.8 Surface condition	16
6.9 Joins	16
7 Sampling	17
7.1 General	17
7.2 Analysis (oxygen only) and measurement of diameter of Cu-ETP1 (CW003A) drawing stock	17
7.3 Annealability testing of Cu-ETP1 (CW003A) drawing stock	17
7.4 Analysis (other than oxygen) and measurement of elongation and electrical properties of Cu-ETP1 (CW003A) drawing stock	17
7.5 Tests on drawing stock in grades other than Cu-ETP1 (CW003A)	18
8 Test methods	18
8.1 Analysis	18
8.2 Elongation	18
8.3 Electrical resistivity	18
8.4 Annealability	19
8.5 Hydrogen embrittlement	19
8.6 Scale adhesion	19
8.7 Rounding of results	19
9 Declaration of conformity and inspection documentation	20
9.1 Declaration of conformity	20
9.2 Inspection documentation	20
10 Marking	20

Annex A (informative) Information on electrical resistivity and conductivity relationships	21
Annex B (normative) Rapid Elongation Test method (AR-Test) for diameter 8 mm Cu-ETP1 wire rod	23
Bibliography	26

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prEN 1977:2025 (E)**European foreword**

This document (prEN 1977:2025) has been prepared by Technical Committee CEN/TC 133 “Copper and copper alloys”, the secretariat of which is held by DIN.

This document will supersede EN 1977:2013.

prEN 1977:2025 includes the following significant technical changes with respect to EN 1977:2013:

- a) References to EN 1655 have been replaced by EN ISO/IEC 17050-1 and EN ISO/IEC 17050-2.
- b) Tables 1 and 2, limits have been defined for the oxygen content in oxygen-free coppers. Table 5 has been revised accordingly.
- c) Table 8, The sampling frequencies of some tests have been revised.

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

Other products are specified as follows:

- EN 1976, *Copper and copper alloys — Cast unwrought copper products*
- EN 1978, *Copper and copper alloys — Copper cathodes*
- EN 13602, *Copper and copper alloys — Drawn, round copper wire for the manufacture of electrical conductors*

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Introduction

Copper drawing stock (wire rod) is normally manufactured by one of the following process routes:

- continuous casting and hot rolling in tandem;
- continuous or semi-continuous casting and cold rolling;
- rolling of wire bar or billets; or
- extrusion.

Annex A (informative) gives information on the relationships between electrical resistivity and conductivity (of copper).

Annex B (normative) describes the rapid elongation test method (AR-Test) for diameter 8 mm Cu-ETP1 wire rod.

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