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Copper and copper alloys - Scrap

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

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English Version

Copper and copper alloys - Scrap

Cuivre et alliages de cuivre - Scrappes

Kupfer und Kupferlegierungen - Schrotte

This European Standard was approved by CEN on 22 January 2018.

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 CEN-CENELEC Management Centre or to any CEN member.

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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

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EN 12861:2018 (E)**European foreword**

This document (EN 12861:2018) 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of an identical text or by endorsement, at the latest by November 2018, and conflicting national standards shall be withdrawn at the latest by November 2018.

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

This document supersedes EN 12861:1999.

Within its programme of work, Technical Committee CEN/TC 133 "Copper and copper alloys" prepare the following revision of the standard:

EN 12861:1999, *Copper and copper alloys — Scrap*

In comparison with EN 12861:1999, the following significant technical changes were made:

- a) replacement of secondary raw materials by metallic raw materials;
- b) modification of material numbers for S-Cu-1, S-Cu-2, S-Cu-3, S-Cu-4, S-Cu-5, S-Cu-10A, S-CuZn-1A, S-CuZn-1B, S-CuZn-1C, S-CuZn-2 and S-CuZn-3;
- c) modification of subclauses B.4 "Type S-CuZn-4" (Cu max. 65 % Copper-zinc alloy) and B.5 "Type S-CuZn-5" (Cu max. 65 % Copper-zinc alloy turnings);
- d) introduction of the new subclauses B.8 "Type S-CuZn-8" (Silicon bearing copper-zinc alloys) and B.9 "Type S-CuZn-9" (Silicon bearing copper-zinc alloys turnings);
- e) renumbering of annexes.

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1 Scope

This European Standard specifies the requirements for characteristics, condition, moisture, composition, metal content, metal yield and test procedures of metallic raw materials for direct melting (melting grades) in the form of copper and copper alloy scrap.

All provisions of this European Standard apply regardless of the legal status of the scrap. The respective legal requirements should be met.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 1412, *Copper and copper alloys - European numbering system*

EN 12451, *Copper and copper alloys - Seamless, round tubes for heat exchangers*

EN ISO 80000-1:2013, *Quantities and units - Part 1: General (ISO 80000-1:2009 + Cor 1:2011)*

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