



SLOVENSKI STANDARD
kSIST FprEN 12167:2015

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Baker in bakrove zlitine - Profili in palice za splošno uporabo

Copper and copper alloys - Profiles and bars for general purposes

Kupfer und Kupferlegierungen - Profile und Rechteckstangen zur allgemeinen Verwendung

Ta slovenski standard je istoveten z: FprEN 12167

ICS:

77.150.30 Bakreni izdelki Copper products

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Copper and copper alloys - Profiles and bars for general purposes

Kupfer und Kupferlegierungen - Profile und Rechteckstangen zur allgemeinen Verwendung

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

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

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

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European foreword

This document (FprEN 12167:2015) has been prepared by Technical Committee CEN/TC 133 “Copper and copper alloys”, the secretariat of which is held by DIN.

This document is currently submitted to the Unique Acceptance Procedure.

This document will supersede EN 12167:2011.

Within its programme of work, Technical Committee CEN/TC 133 requested CEN/TC 133/WG 4 “Extruded and drawn products, forgings and scrap” to revise the following standard:

— EN 12167:2011, *Copper and copper alloys — Profiles and bars for general purposes.*

This document is one of a series of European Standards for the copper and copper alloy products rod, wire, profile and forgings. Other products are specified as follows:

— EN 12163, *Copper and copper alloys — Rod for general purposes;*

— EN 12164, *Copper and copper alloys — Rod for free machining purposes;*

— EN 12165, *Copper and copper alloys — Wrought and unwrought forging stock;*

— EN 12166, *Copper and copper alloys — Wire for general purposes;*

— EN 12168, *Copper and copper alloys — Hollow rod for free machining purposes;*

— EN 13601, *Copper and copper alloys — Copper rod, bar and wire for general electrical purposes;*

— EN 13602, *Copper and copper alloys — Drawn, round copper wire for the manufacture of electrical conductors;*

— EN 13605, *Copper and copper alloys — Copper profiles and profiled wire for electrical purposes.*

In comparison with EN 12167:2011, the following significant technical changes were made:

- a) addition of four new materials: CuZn37Pb1 (CW605N), CuZn35Pb1,5AlAs (CW625N), CuZn33Pb1,5AlAs (CW626N) and CuZn33Pb1AlSiAs (CW725R) due to the market requirements on restriction of lead and modification of the chemical composition for CuZn39Pb1 (CW611N);
- b) introduction of an optional procedure how to refer to restrictions to the chemical composition imposed by the 4 MS Common Composition List for materials used for products accepted for contact with drinking water;
- c) requirements and test methods for resistance of dezincification modified;
- d) provisions for surface quality added;
- e) mechanical properties for CuZn21Si3P (CW724R) modified.

Introduction

The European Committee for Standardization (CEN) draws attention to the fact that it is claimed that compliance with this document may involve the use of a patent concerning the alloy CuZn21Si3P (CW724R) and CuZn33Pb1AlSiAs (CW725R) given in 6.1.

CEN takes no position concerning the evidence, validity and scope of this patent right.

The holder of this patent right has ensured the CEN that he is willing to negotiate licenses either free of charge or under reasonable and non-discriminatory terms and conditions with applicants throughout the world. In this respect, the statement of the holder of this patent right is registered with CEN.

— For CuZn21Si3P (CW724R) information may be obtained from:

Wieland-Werke AG
Graf Arco Straße 36
D-89079 Ulm
GERMANY

— For CuZn33Pb1AlSiAs (CW725R) information may be obtained from:

Diehl Metall Messing
Heinrich-Diehl-Straße 9
D-90552 Röthenbach/Pegnitz
GERMANY

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Due to developing legislation, the composition of a material may be restricted to the composition specified in this European Standard with respect to individual uses (e.g. for the use in contact with drinking water in some Member States of the European Union). These individual restrictions are not part of this European Standard. Nevertheless, for materials for which traditional and major uses are affected, these restrictions are indicated. The absence of an indication, however, does not imply that the material can be used in any application without any legal restriction.