# Copper and copper alloys - Hot-dip tinned strip

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## **EESTI STANDARDI EESSÕNA**

## **NATIONAL FOREWORD**

Käesolev Eesti standard EVS-EN 13148:2002 sisaldab Euroopa standardi EN 13148:2001 ingliskeelset teksti.

Käesolev dokument on jõustatud 19.04.2002 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.

Standard on kättesaadav Eesti standardiorganisatsioonist.

This Estonian standard EVS-EN 13148:2002 consists of the English text of the European standard EN 13148:2001.

This document is endorsed on 19.04.2002 with the notification being published in the official publication of the Estonian national standardisation organisation.

The standard is available from Estonian standardisation organisation.

#### Käsitlusala:

This European Standard specifies: - the composition and tolerances on dimensions of strip of copper and copper alloys to be tinned, with tin, a tin-lead alloy or other tin alloys; - the composition of the material normally used for the melt; - the properties of the untinned strip; - the properties of the hot-dip tinned strip; - the preferred thicknesses (mean values) and thickness ranges of the coatings; - the edgewise curvature of hot-dip tinned strip; - the sampling procedure; - the methods of test to be used for verification of conformity to the requirements of this standard; - the delivery conditions.

### Scope:

This European Standard specifies: - the composition and tolerances on dimensions of strip of copper and copper alloys to be tinned, with tin, a tin-lead alloy or other tin alloys; - the composition of the material normally used for the melt; - the properties of the untinned strip; - the properties of the hot-dip tinned strip; - the preferred thicknesses (mean values) and thickness ranges of the coatings; - the edgewise curvature of hot-dip tinned strip; - the sampling procedure; - the methods of test to be used for verification of conformity to the requirements of this standard; - the delivery conditions.

**ICS** 77.150.30

**Võtmesõnad:** copper, copper alloys, definitions, delivery conditions, dimensions, hotdip tinned, materials, properties, sampling, sampling methods, specification (approval), specifications, strips, tape, testing, tin, tin alloys

# EUROPEAN STANDARD NORME EUROPÉENNE

# **EN 13148**

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#### **English version**

# Copper and copper alloys - Hot-dip tinned strip

Cuivres et alliages de cuivre - Bandes étamées à chaud

Kupfer und Kupferlegierungen - Feuerverzinnte Bänder

This European Standard was approved by CEN on 11 August 2001.

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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 Management Centre has the same status as the official versions.

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

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