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Toiduainetega kokkupuutuvad materjalid ja tooted. Söögiriistad ja õõneslauanõud. Osa 4: Kullatud söögiriistadele esitatavad nõuded

Materials and articles in contact with foodstuffs -
Cutlery and table holloware - Part 4: Requirements
for gold-plated cutlery

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN ISO 8442-4:2000 sisaldab Euroopa standardi EN ISO 8442-4:1997 + AC:1999 ingliskeelset teksti.</p> <p>Käesolev dokument on jõustatud 11.01.2000 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN ISO 8442-4:2000 consists of the English text of the European standard EN ISO 8442-4:1997 + AC:1999.</p> <p>This document is endorsed on 11.01.2000 with the notification being published in the official publication of the Estonian national standardisation organisation.</p> <p>The standard is available from Estonian standardisation organisation.</p>
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<p>Käsitlusala: Standard määrab kindlaks järgmised nõuded kullatud söögiriistade kohta: a) kasutusnõuded lauariistadele; b) söögiriistade põhimetallide koostise piirkontsentratsioonid; c) püsivale deformatsioonile vastupidavus, käepideme kinnituse vastupidavus, terade kõvadus, korrosioonikindlus ning kullakihi paksus ja adhesioon; d) kuldkatte kolm minimaalset paksust: esimene klass, teine klass ja kolmas klass.</p>	<p>Scope:</p>
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ICS 67.250, 97.040.60

Võtmesõnad: kasutusomadused, kasutusomaduste teimid, kuldamine, lamedad lauanõud, lauanõud, markeerimine, materjalide tehnilised andmed, sildistamine, söögiriistad, tehnilised andmed, teimimine

ICS 67.250; 97.040.60

Descriptors: Cutlery, table holloware, gold-plated.

English version

Materials and articles in contact with foodstuffs

Cutlery and table holloware

Part 4: Requirements for gold-plated cutlery
(ISO 8442-4 : 1997)

Matériaux et objets en contact avec
les denrées alimentaires – Coutellerie
et orfèvrerie de table – Partie 4:
Exigences relatives à la coutellerie et
aux couverts dorés
(ISO 8442-4 : 1997)

Werkstoffe und Gegenstände in
Kontakt mit Lebensmitteln – Schneid-
waren und Tafelgeräte – Teil 4:
Anforderungen für vergoldete
Bestecke (ISO 8442-4 : 1997)

This European Standard was approved by CEN on 1997-10-11.

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 Central Secretariat or to any CEN member.

The European Standards exist 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 Central Secretariat has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, the Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, the Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, and the United Kingdom.

CEN

European Committee for Standardization
Comité Européen de Normalisation
Europäisches Komitee für Normung

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Foreword

The text of EN ISO 8442-4:1997 has been prepared by Technical Committee CEN/TC 194 "Utensils in contact with food", the secretariat of which is held by BSI, in collaboration with Technical Committee ISO/TC 186 "Cutlery and table and decorative metal hollow-ware".

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 June 1998, and conflicting national standards shall be withdrawn at the latest by June 1998.

EN ISO 8442 consists of the following parts:

- Part 1: Requirements for cutlery for the preparation of food
- Part 2: Requirements for stainless steel and silver-plated cutlery
- Part 3: Requirements for silver-plated table and decorative holloware
- Part 4: Requirements for gold-plated cutlery

Further parts are proposed with the following titles:

- Part 5: Specific cutting test
- Part 6: Lacquered lightly silver-plated table and decorative holloware
- Part 7: Specification for table cutlery made of precious metals and their alloys, especially silver cutlery
- Part 8: Specification for silver table and decorative holloware

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxemburg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

Introduction

This Standard does not cover those features of cutlery which are matter of personal choice for the user: such as the design, size, type of finish, blade flexibility or similar characteristics which can be readily identified by the purchaser at the point of sale.

Attention is drawn to Directives of the European Community concerning materials and articles in contact with food, in particular to Directives EC 89/109 and EC 90/128.

1 Scope

This Standard specifies the following requirements for gold plated cutlery:

- a) performance requirements for table cutlery (for example, knives, forks, spoons, carving sets, ladles, and other serving pieces);
- b) composition limits for base metals for cutlery;
- c) tests for resistance to permanent deformation, firmness of handle attachment, hardness of blades, resistance to corrosion and the thickness and adhesion of gold coatings;
- d) three minimum thicknesses of gold plating: a first class, a second class, and a third class.

This Standard specifies the method of defining gold deposits for each and every item and also test methods.

This Standard does not apply to table cutlery which has only small areas of gold plate as inlays in non gold plated decoration.

2 Normative references

This Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies.

ISO 1463	Metallic and oxide coatings - Measurement of coating thickness - Microscopical method
ISO 2177	Metallic coatings - Measurement of coating thickness - Coulometric method by anodic dissolution
ISO 3497	Metallic coatings - Measurement of coating thickness - X-ray spectrometric methods
ISO 3543	Metallic and non-metallic coatings - Measurement of thickness - Beta scatter method
ISO 4481 : 1977	Cutlery and flatware - Nomenclature
ISO 6508 : 1986	Metallic materials - Hardness test - Rockwell test (scales A - B - C - D - E - F - G - H - K)
EN ISO 8442-2	Materials and articles in contact with foodstuffs - Cutlery and table holloware - Part 2: Requirements for stainless steel and silver plated cutlery (ISO 8442-2:1997)

3 Definitions

For the purposes of this Standard the definitions given in ISO 4481:1977 and EN ISO 8442-2 apply together with the following.

3.1 hard gold plating: Refined gold plating containing elements which increase the hardness.