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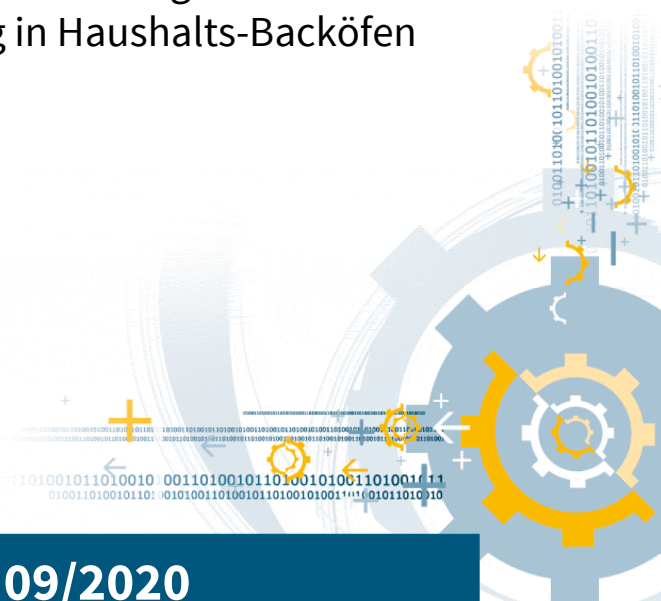
ILNAS-EN 13834:2020

Cookware - Ovenware for use in traditional domestic ovens

Articles culinaires - Articles culinaires à
usage domestique pour la cuisson au
four traditionnel

Kochgeschirre - Ofengeschirre zur
Verwendung in Haushalts-Backöfen

09/2020



National Foreword

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EUROPEAN STANDARD ^{ILNAS-EN 13834:2020} **EN 13834**
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English Version

**Cookware - Ovenware for use in traditional domestic
ovens**

Articles culinaires - Articles culinaires à usage
domestique pour la cuisson au four traditionnel

Kochgeschirre - Ofengeschirre zur Verwendung in
Haushalts-Backöfen

This European Standard was approved by CEN on 3 August 2020.

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.

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 CEN-CENELEC 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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European foreword

This document (EN 13834:2020) has been prepared by Technical Committee CEN/TC 194 “Utensils in contact with food”, the secretariat of which is held by AFNOR.

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of an identical text or by endorsement, at the latest by March 2021, and conflicting national standards shall be withdrawn at the latest by March 2021.

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 13834:2007+A1:2009.

The major technical changes in this document compared to EN 13834:2007+A1:2009 concern requirements for handle fatigue resistance (7.4 and Annex B).

According to the CEN-CENELEC Internal Regulations, the national standards organisations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

1 Scope

This document specifies safety and performance requirements for items of ovenware for use in domestic ovens. It is applicable to ovenware regardless of material or method of manufacture.

It is applicable to products intended for use both on top of the stove and in oven.

This document is not applicable to items for single use, throwaway ovenware or ovenware intended for use in a microwave oven only.

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 1183:1997, *Materials and articles in contact with foodstuffs — Test methods for thermal shock and thermal shock endurance*

EN 12875-1:2005, *Mechanical dishwashing resistance of utensils — Part 1: Reference test method for domestic articles*

EN 14916, *Domestic cookware — Graphical symbols (pictograms)*

EN ISO 2064, *Metallic and other inorganic coatings — Definitions and conventions concerning the measurement of thickness (ISO 2064)*

EN ISO 2360, *Non-conductive coatings on non-magnetic electrically conductive base metals — Measurement of coating thickness — Amplitude-sensitive eddy-current method (ISO 2360)*

EN ISO 2409:2013, *Paints and varnishes — Cross-cut test (ISO 2409:2013)*

EN ISO 28706-2:2017, *Vitreous and porcelain enamels — Determination of resistance to chemical corrosion — Part 2: Determination of resistance to chemical corrosion by boiling acids, boiling neutral liquids, alkaline liquids and/or their vapours (ISO 28706-2:2017)*

ISO 2747, *Vitreous and porcelain enamels — Enamelled cooking utensils — Determination of resistance to thermal shock*

ISO 4532, *Vitreous and porcelain enamels — Determination of the resistance of enamelled articles to impact — Pistol test*

ISO 13805, *Vitreous and porcelain enamels for aluminium — Determination of the adhesion of enamels on aluminium under the action of electrolytic solution (spall test)*

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

- ISO Online browsing platform: available at <https://www.iso.org/obp>
- IEC Electropedia: available at <http://www.electropedia.org/>

3.1

ovenware

utensil, in the form of a hollow or flat container, the intended use of which is cooking solid or liquid food

Note 1 to entry: Ovenwares include, but are not restricted to, the follow items:

- gratin and roasting dishes used in the preparation and cooking of vegetable and meat dishes;
- ceramic pots used in the preparation and cooking of meats and/or vegetables;
- bakeware used in the preparation and cooking of various types of dough mixtures (bakeware varies in shape and may include removable parts);
- pate mould used in the preparation and cooking of pates.

3.2

fixing system

attachment method, or methods, utilized in fastening a handle to the body of an item of ovenware or to fix a knob to a lid where the handle or knob are not an integral part of the body or lid

3.3

furniture

handles and knobs which are attached to the body or lid of ovenware using a fixing system (3.2) and intended to facilitate the carrying and handling of the utensil in normal use

3.4

removable furniture

furniture designed to be attached and removed from the body or lid of ovenware without the use of tools

3.5

capacity

volume of water held when the ovenware is filled to the brim while standing on a level surface

3.6

usable capacity

two thirds of the capacity

Note 1 to entry: The true usable capacity of the ovenware varies with the food being cooked. The figure given here is an average value intended for use in test situations only and not as information to the consumer.

3.7

coating

deposit and/or coating applied to a substrate to obtain specific performance properties independent of the properties of the substrate