



SLOVENSKI STANDARD

SIST EN 1860-4:2005

01-julij-2005

Naprave, trdna goriva in naprave za vžiganje žara - 4. del: Žari za enkratno uporabo na trdna goriva - Zahteve in preskusne metode

Appliances, solid fuels and firelighters for barbecuing - Part 4: Single use barbecues burning solid fuels - Requirements and test methods

Geräte, feste Brennstoffe und Anzündhilfen zum Grillen - Teil 4: Grillgeräte für Einmalanwendung (Einweggrills) bei der Verwendung fester Brennstoffe - Anforderungen und Prüfverfahren

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Appareils, combustibles solides et allume-feux pour la cuisson au barbecue - Partie 4: Barbecues a usage unique utilisant les combustibles solides - Exigences et méthodes d'essais

Ta slovenski standard je istoveten z: EN 1860-4:2004

ICS:

| | | |
|-----------|--|--|
| 75.160.10 | Trda goriva | Solid fuels |
| 97.040.20 | Trdnjaki, pečnice, delovne ploskine, peči in podobne naprave | Cooking ranges, working tables, ovens and similar appliances |

SIST EN 1860-4:2005

en,fr,de

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 1860-4

December 2004

ICS 75.160.10; 97.040.20

English version

Appliances, solid fuels and firelighters for barbecuing - Part 4: Single use barbecues burning solid fuels - Requirements and test methods

Appareils, combustibles solides et allume-feux pour la cuisson au barbecue - Partie 4: Barbecues à usage unique utilisant les combustibles solides - Exigences et méthodes d'essais

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This European Standard was approved by CEN on 12 November 2004.

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.

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 Central Secretariat has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.



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

Management Centre: rue de Stassart, 36 B-1050 Brussels

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Foreword

This document (EN 1860-4:2004) has been prepared by Technical Committee CEN/TC 281, "Appliances, solid fuels and firelighters for barbecuing", the secretariat of which is held by AENOR.

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 2005, and conflicting national standards shall be withdrawn at the latest by June 2005.

This European Standard with the general title *Appliances, solid fuels and firelighters for barbecuing*, consists of the following parts:

Part 1: Barbecues burning solid fuels - Requirements and test methods.

Part 2: Barbecue charcoal and barbecue charcoal briquettes - Requirements and test methods.

Part 3: Firelighters for igniting solid fuels for use in barbecue appliances - Requirements and test methods.

Part 4: Single use barbecues burning solid fuels - Requirements and test methods.

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

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Introduction

This document is Part 4 of the European Standard for appliances, solid fuels and firelighters for barbecuing EN 1860, which is intended to reduce the risks which may occur during and through barbecuing with solid fuels.

This part should be read in conjunction with Part 1, Part 2 and Part 3.

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1 Scope

This document is applicable to single use barbecues which burn solid fuels.

This document specifies requirements for materials, construction, design and test methods to ensure safe use and satisfactory performance.

2 Normative references

The following referenced documents are indispensable for the application 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.

prEN 1860-2, *Appliances, solid fuels and firelighters for barbecuing – Part 2 : Barbecue charcoal and barbecue charcoal briquettes - Requirements and test methods.*

EN 1860-3, *Appliances, solid fuels and firelighters for barbecuing – Part 3: Firelighters for igniting solid fuels for use in barbecue appliances - Requirements and test methods.*

3 Terms and definitions

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

3.1

barbecue

appliance designed for cooking in the open air by means of radiant and possible convection heat and consisting at least of a fuel compartment and a cooking grid and/or a rotating spit

3.2

single use barbecue

barbecue designed in such a way that it cannot be used more than once and having been used once is no longer suitable for use and shall be disposed of safely

3.3

fuel compartment

part of the barbecue where the fuel is burnt; it may have, or be a grate

3.4

grate

perforated part of the barbecue on which the fuel is placed

3.5

ash compartment or catcher

parts of the barbecue intended to catch any ash or embers which may fall from the fuel compartment or grate

3.6

usable area

any area of a barbecue component and accessories intended to come into contact with the food to be barbecued during cooking is regarded as being usable

3.7

stand

support structure of a barbecue onto which the functional parts of the barbecue are located

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- 3.8 cooking grid**
part of the barbecue on which the food to be cooked is placed
- 3.9 silk paper**
thin, soft, relatively hard to tear paper with a mass between 12g/m² and 25g/m² usually used to wrap delicate objects (see ISO 4046)

4 Requirements**4.1 General requirements**

Coatings shall withstand the test as described in 5.2.

NOTE For surfaces of, and coatings on parts of the barbecue coming into contact with the food to be barbecued, cooking grid, spit, meat forks and gravy trays, see Directive 89/109/EEC (see Bibliography). Differing legal requirements may exist in non-EU-countries.

When operating and manipulating the single use barbecue, accessible edges and corners shall be free from burr. Rough surfaces, sharp edges and corners which may cause injury are not allowed.

All accessible parts of the barbecue components made of sheet or tube of thickness less than 0,7 mm without coating shall be as shown in Figures 1, 2, 3 and 4:



Figure 1 — Fully edged

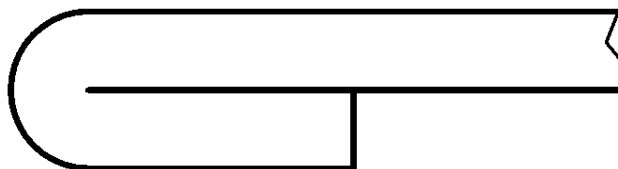


Figure 2 — Folded and flattened

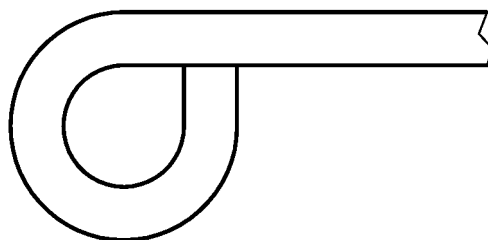


Figure 3 — Rolled and closed

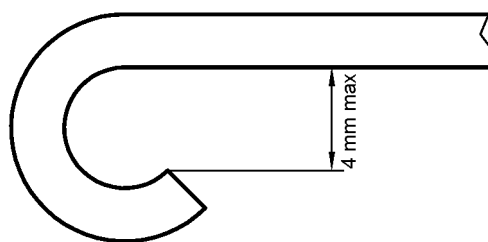


Figure 4 — Rolled and half closed

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After testing in accordance with 5.2 to 5.6 a single use barbecue fails if:

- a) any dimension of any component distorts more than 5 %;
- b) any component cracks and/or fractures appear;
- c) any component falls off;
- d) the temperature of the base on which the barbecue is placed has exceeded 70°C during the test.

The single use barbecue shall consist of at least a fuel compartment, grid, stand, solid fuel and firelighter. It must be designed for one use only and safe disposal.

The fuel shall conform to the requirements of prEN 1860-2. The firelighter shall conform to the requirements of EN 1860-3.

To avoid any additional use of the single barbecue the grid shall not be removable without making the single use of the barbecue unusable. The grid shall be fixed to the fuel compartment in such a way that its removal can only be done by deliberate action of the operator making the single use barbecue unusable.

The single use barbecue shall be sold with an extinguishing material, or with an incombustible packaging to avoid risks of fire after using.

Single use barbecues shall withstand the thermal test in 5.2 and the dynamic test in 5.6.

4.2 Requirements for parts

4.2.1 Cooking grid

The clear distance between the bars of the cooking grid shall not exceed 20 mm before, during and after testing according to 5.2 and 5.5. This requirement relates to the usable area of the grid, which shall be at least 80 % of the horizontal area of the fuel compartment, vertically projected.