

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

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

## EESTI STANDARDI EESSÕNA

## NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN 1860-3:2003 sisaldab Euroopa standardi EN 1860-3:2003 ingliskeelset teksti.</p> <p>Käesolev dokument on jõustatud 17.09.2003 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN 1860-3:2003 consists of the English text of the European standard EN 1860-3:2003.</p> <p>This document is endorsed on 17.09.2003 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><b>Käsitlusala:</b> This European standard specifies the safety, performance, packaging and marking requirements including the test methods for firelighters used to light solid fuels in barbecue and grill appliances. The standard covers firelighters supplied as either solid, liquid, thickened liquid or gel formulations. However the use of highly flammable liquids (except in stabilised formulations) is specifically excluded from the scope of this standard as their use as barbecue firelighters is regarded as highly dangerous</p>	<p><b>Scope:</b> This European standard specifies the safety, performance, packaging and marking requirements including the test methods for firelighters used to light solid fuels in barbecue and grill appliances. The standard covers firelighters supplied as either solid, liquid, thickened liquid or gel formulations. However the use of highly flammable liquids (except in stabilised formulations) is specifically excluded from the scope of this standard as their use as barbecue firelighters is regarded as highly dangerous</p>
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**Võtmesõnad:** grilling, grills, grills (cooking), handling, inspection, instructions, instructions for use, marking, materials, packages, packing, safety, safety engineering, safety requirements, solid fuels, specification (approval), specifications, testing

ICS 75.160.10; 97.040

English version

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

Appareils, combustibles solides et allume-barbecue pour la cuisson au barbecue - Partie 3: Allume-feu pour l'allumage des combustibles solides dans les appareils de cuisson au barbecue - Exigences et méthodes d'essai

Geräte, feste Brennstoffe und Anzündhilfen zum Grillen - Anzündhilfen für Grill-Holzkohle und Grillkohlebriketts - Teil 3: Anforderungen und Prüfverfahren

This European Standard was approved by CEN on 27 June 2003.

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 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 Management Centre has the same status as the official versions.

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



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## Foreword

This document (EN 1860-3:2003) 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 February 2004, and conflicting national standards shall be withdrawn at the latest by February 2004.

Annexes A, B, C, D, and E are normative.

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, Hungary, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Slovakia, Spain, Sweden, Switzerland and the United Kingdom.

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## Introduction

This European Standard, EN 1860, on appliances, solid fuels and firelighters for barbecuing consists of the following parts:

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

Part 2: Solid fuels for use in barbecue appliances. 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.

This standard is Part 3 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 4.

## 1 Scope

This European standard specifies the safety, performance, packaging and marking requirements including the test methods for firelighters used to light solid fuels in barbecue and grill appliances. The standard covers firelighters supplied as either solid, liquid, thickened liquid or gel formulations. However the use of highly flammable liquids (except in stabilised formulations) is specifically excluded from the scope of this standard as their use as barbecue firelighters is regarded as highly dangerous.

## 2 Normative References

This European 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 European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies (including amendments).

EN 24260	Petroleum products and hydrocarbons - Determination of sulfur content - Wickbold combustion method (ISO 4260:1987)
EN 28317	Child-resistant packaging - Requirements and testing procedure for reclosable packages (ISO 8317:1989)
EN ISO 1516	Determination of flash/no flash - Closed cup equilibrium method (ISO 1516:2002)
EN ISO 1523	Determination of flash point - Closed cup equilibrium method (ISO 1523:2002)
EN ISO 2555	Plastics - Resins in the liquid state or as emulsions or dispersions - Determination of apparent viscosity by the Brookfield Test method (ISO 2555:1989)

EN ISO 3104	Petroleum products - Transparent and opaque liquids - Determination of kinematic viscosity and calculation of dynamic viscosity (ISO 3104:1994)
EN ISO 3219	Plastics - Polymers/resins in the liquid state or as emulsions or dispersions - Determination of viscosity using a rotational viscometer with defined shear rate (ISO 3219:1993)
EN ISO 12058-1	Plastics - Determination of viscosity using a falling-ball viscometer - Part 1: Inclined-tube method (ISO 12058-1:1997)
ISO 567	Coke - Determination of bulk density in a small container
ISO 1013	Coke - Determination of bulk density in a large container
ISO 3105	Glass capillary kinematic viscometers - Specifications and operating instructions
ISO 3679	Paints, varnishes, petroleum and related products - Determination of flashpoint - Rapid equilibrium method
ISO 3680	Paints, varnishes, petroleum and related products - Flash/no flash test - Rapid equilibrium method
ISO 3837	Liquid petroleum products - Determination of hydrocarbon types - Fluorescent indicator adsorption method
ISO/DIS 12058-2	Plastics - Determination of viscosity using a falling-ball viscometer - Part 2: Free falling-ball method

### 3 Terms and definitions

For the purposes of this standard, the following terms and definitions apply:

#### 3.1

##### **solid firelighter**

solid substance or preparation, which is readily ignitable by the application of a naked flame and which can be used to ignite solid barbecue fuels in barbecue and grill appliances.

#### 3.2

##### **liquid, thickened liquid or gel firelighter**

liquid, thickened liquid or gel substances or preparations, which are readily ignitable by the application of a naked flame and which, when supported on a solid substrate, can be used to ignite solid barbecue fuel used in barbecue and grill appliances.

#### 3.3

##### **barbecue fuel**

barbecue charcoal, barbecue charcoal briquettes and other briquetted solid fuels.

#### 3.4

##### **consumer package**

individual packaging unit, as purchased by the consumer at a retail store.