

STN	Spotrebiče, tuhé palivá a podpaľovače na grilovanie Časť 3: Podpaľovače na tuhé palivá používané v spotrebičoch na grilovanie Požiadavky a skúšobné metódy	STN EN 1860-3 06 1240
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Appliances, solid fuels and firelighters for barbecuing - Part 3: Firelighters for igniting solid fuels for use in barbecues and grill applications - Requirements and test methods

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

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English Version

Appliances, solid fuels and firelighters for barbecuing - Part 3: Firelighters for igniting solid fuels for use in barbecues and grill applications - Requirements and test methods

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

Geräte, feste Brennstoffe und Anzündhilfen zum Grillen - Teil 3: Anzündhilfen zum Befeuern fester Brennstoffe für den Einsatz in Grillen und bei Grillanwendungen - Anforderungen und Prüfverfahren

This European Standard was approved by CEN on 21 May 2023.

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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 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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EN 1860-3:2023 (E)

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EN 1860-3:2023 (E)**European foreword**

This document (EN 1860-3:2023) has been prepared by Technical Committee CEN/TC 281 “Appliances, solid fuels and firelighters for barbecuing”, the secretariat of which is held by UNE.

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of an identical text or by endorsement, at the latest by December 2023, and conflicting national standards shall be withdrawn at the latest by June 2024.

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 1860-3:2003 and EN 1860-3:2003/A1:2006.

EN 1860-3:2023 includes the following significant technical changes with respect to EN 1860-3:2003 and EN 1860-3:2003/A1:2006:

- a) the Introduction has been removed;
- b) Clause 1, *Scope*, has been updated – the second and the third paragraphs have been added;
- c) Clause 2, *Normative references*, has been updated;
- d) Clause 3, *Terms and definitions*, has been revised and new terms were added;
- e) Subclause 4.1, *Safety*, has been revised and the performance requirement on *ignition time* has been removed;
- f) Clause 5, *Marking and instructions for use*, has been revised;
- g) Annex C, *Method of test for ignition performance of a firelighter*, has been removed;
- h) the Bibliography has been updated.

A list of all parts in the EN 1860 series, published under the general title *Appliances, solid fuels and firelighters for barbecuing*, can be found on the CEN website.

Any feedback and questions on this document should be directed to the users’ national standards body. A complete listing of these bodies can be found on the CEN website.

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, Türkiye and the United Kingdom.

1 Scope

This document specifies the safety, performance, consumer packaging and marking requirements including the test methods for firelighters used to light solid fuels in barbecue and grill appliances.

This document covers firelighters supplied as either solid, liquid, thickened liquid or gel formulations. However, the use of highly flammable liquids (except in stabilized formulations) is specifically excluded from the scope of this document as their use as barbecue firelighters is regarded as highly dangerous.

This document is intended to reduce the risks which may occur during and through barbecuing with solid fuels.

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 1860-2:2023, *Appliances, solid fuels and firelighters for barbecuing — Part 2: Barbecue charcoal and barbecue charcoal briquettes — Requirements and test methods*

EN 15408, *Solid recovered fuels — Methods for the determination of sulphur (S), chlorine (Cl), fluorine (F) and bromine (Br) content*

EN 16181, *Soil, treated biowaste and sludge — Determination of polycyclic aromatic hydrocarbons (PAH) by gas chromatography (GC) and high-performance liquid chromatography (HPLC)*

EN ISO 1516, *Determination of flash/no flash — Closed cup equilibrium method (ISO 1516)*

EN ISO 1523, *Determination of flash point — Closed cup equilibrium method (ISO 1523)*

EN ISO 2555, *Plastics — Resins in the liquid state or as emulsions or dispersions — Determination of apparent viscosity using a single cylinder type rotational viscometer method (ISO 2555)*

EN ISO 2719, *Determination of flash point — Pensky-Martens closed cup method (ISO 2719)*

EN ISO 3104, *Petroleum products — Transparent and opaque liquids — Determination of kinematic viscosity and calculation of dynamic viscosity (ISO 3104)*

EN ISO 3219-2, *Rheology — Part 2: General principles of rotational and oscillatory rheometry (ISO 3219-2)*

EN ISO 3679, *Determination of flash point — Method for flash no-flash and flash point by small scale closed cup tester (ISO 3679)*

EN ISO 8317, *Child-resistant packaging — Requirements and testing procedures for reclosable packages (ISO 8317)*

EN ISO 12058-1, *Plastics — Determination of viscosity using a falling-ball viscometer — Part 1: Inclined-tube method (ISO 12058-1)*

EN ISO 13736, *Determination of flash point — Abel closed-cup method (ISO 13736)*

EN ISO 14596, *Petroleum products — Determination of sulfur content — Wavelength-dispersive X-ray fluorescence spectrometry (ISO 14596)*