



**SLOVENSKI STANDARD  
SIST EN ISO 22007-4:2024**

**01-marec-2024**

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**Polimerni materiali - Ugotavljanje toplotne prevodnosti in toplotne razprševalnosti  
- 4. del: Metoda z laserskim bliskom (ISO 22007-4:2024)**

Plastics - Determination of thermal conductivity and thermal diffusivity - Part 4: Light flash method (ISO 22007-4:2024)

Kunststoffe - Bestimmung der Wärmeleitfähigkeit und der Temperaturleitfähigkeit – Teil 4: Lichtblitzverfahren (ISO 22007-4:2024)

Plastiques - Détermination de la conductivité thermique et de la diffusivité thermique - Partie 4: Méthode par flash lumineux (ISO 22007-4:2024)

**Ta slovenski standard je istoveten z: EN ISO 22007-4:2024**

[SIST EN ISO 22007-4:2024](https://standards.sistona/catalog/standards/sistona/11015-0707/11015-0707-0000/EN-ISO-22007-4:2024)

**ICS:**

83.080.01	Polimerni materiali na splošno	Plastics in general
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**SIST EN ISO 22007-4:2024**

**en,fr,de**



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NORME EUROPÉENNE  
EUROPÄISCHE NORM

EN ISO 22007-4

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English Version

Plastics - Determination of thermal conductivity and  
thermal diffusivity - Part 4: Light flash method (ISO 22007-  
4:2024)

Plastiques - Détermination de la conductivité  
thermique et de la diffusivité thermique - Partie 4:  
Méthode par flash lumineux (ISO 22007-4:2024)

Kunststoffe - Bestimmung der Wärmeleitfähigkeit und  
der Temperaturleitfähigkeit - Teil 4:  
Lichtblitzverfahren (ISO 22007-4:2024)

This European Standard was approved by CEN on 12 June 2023.

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## European foreword

This document (EN ISO 22007-4:2024) has been prepared by Technical Committee ISO/TC 61 "Plastics" in collaboration with Technical Committee CEN/TC 249 "Plastics" the secretariat of which is held by SIS.

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of an identical text or by endorsement, at the latest by July 2024, and conflicting national standards shall be withdrawn at the latest by July 2024.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

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**International  
Standard**

**ISO 22007-4**

**Plastics — Determination of  
thermal conductivity and thermal  
diffusivity —**

**Part 4:  
Light flash method**

*Plastiques — Détermination de la conductivité thermique et de la  
diffusivité thermique —*

*Partie 4: Méthode flash lumineux*

**Third edition  
2024-01**

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CH-1214 Vernier, Geneva  
Phone: +41 22 749 01 11  
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### Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO document should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see [www.iso.org/directives](http://www.iso.org/directives)).

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This document was prepared by Technical Committee ISO/TC 61, *Plastics*, Subcommittee SC 5, *Physical-chemical properties*, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 249, *Plastics*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This third edition cancels and replaces the second edition (ISO 22007-4:2017), which has been technically revised.

The main changes are as follows:

- the term laser flash has been replaced by the more general term light flash.

A list of all parts in the ISO 22007 series can be found on the ISO website.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at [www.iso.org/members.html](http://www.iso.org/members.html).