

<b>STN</b>	<b>Plasty Stanovenie popola Časť 4: Polyamidy (ISO 3451-4: 2024)</b>	<b>STN EN ISO 3451-4</b>  64 0218
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Plastics - Determination of ash - Part 4: Polyamides (ISO 3451-4:2024)

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

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 05/24

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EN ISO 3451-4

NORME EUROPÉENNE

EUROPÄISCHE NORM

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English Version

## Plastics - Determination of ash - Part 4: Polyamides (ISO 3451-4:2024)

Plastiques - Détermination du taux de cendres - Partie  
4: Polyamides (ISO 3451-4:2024)

Kunststoffe - Bestimmung der Asche - Teil 4:  
Polyamide (ISO 3451-4:2024)

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**EN ISO 3451-4:2024 (E)**

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## **European foreword**

This document (EN ISO 3451-4:2024) 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of an identical text or by endorsement, at the latest by September 2024, and conflicting national standards shall be withdrawn at the latest by September 2024.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 ISO 3451-4:2000.

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## **Endorsement notice**

The text of ISO 3451-4:2024 has been approved by CEN as EN ISO 3451-4:2024 without any modification.



# International Standard

**ISO 3451-4**

## Plastics — Determination of ash — Part 4: Polyamides

*Plastiques — Détermination du taux de cendres —  
Partie 4: Polyamides*

**Third edition  
2024-02**

**ISO 3451-4:2024(en)****COPYRIGHT PROTECTED DOCUMENT**

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## ISO 3451-4:2024(en)

### Foreword

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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/TC249, *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 3451-4:1998), which has been technically revised.

The main changes are as follows:

- automatic device method (method D) has been added according to align with the revised ISO 3451-1:2019.

A list of all parts in the ISO 3451 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).



# Plastics — Determination of ash —

## Part 4: Polyamides

**WARNING — This document can involve hazardous chemicals, materials and operations. This document does not purport to address the safety problems associated with its use. It is the responsibility of the user to establish proper safety and health practices and determine any applicable regulatory limitations prior to use.**

### 1 Scope

This document specifies methods for determination of the ash of polyamides, both filled and unfilled. It follows the general procedures given in ISO 3451-1.

### 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.

ISO 3451-1:2019, *Plastics — Determination of ash — Part 1: General methods*

**koniec náhľadu – text ďalej pokračuje v platenej verzii STN**