



SLOVENSKI STANDARD SIST EN ISO 3451-1:2019

01-maj-2019

Nadomešča:
SIST EN ISO 3451-1:2008

Polimerni materiali - Določevanje pepela - 1. del: Splošne metode (ISO 3451-1:2019)

Plastics - Determination of ash - Part 1: General methods (ISO 3451-1:2019)

Kunststoffe - Bestimmung der Asche - Teil 1: Allgemeine Grundlagen (ISO 3451-1:2019)

Plastiques - Détermination du taux de cendres - Partie 1: Méthodes générales (ISO 3451-1:2019)

[SIST EN ISO 3451-1:2019](https://standards.iteh.ai/catalog/standards/sist/c7c1ef09-f1e7-4049-9c33-424e92/sist-en-iso-3451-1-2019)

<https://standards.iteh.ai/catalog/standards/sist/c7c1ef09-f1e7-4049-9c33-424e92/sist-en-iso-3451-1-2019>

Ta slovenski standard je istoveten z: EN ISO 3451-1:2019

ICS:

83.080.01	Polimerni materiali na splošno	Plastics in general
-----------	--------------------------------	---------------------

SIST EN ISO 3451-1:2019

en,fr,de

iTeh STANDARD PREVIEW
(standards.iteh.ai)

[SIST EN ISO 3451-1:2019](https://standards.iteh.ai/catalog/standards/sist/c7c1ef09-f1e7-4049-9c33-00b613433e92/sist-en-iso-3451-1-2019)

<https://standards.iteh.ai/catalog/standards/sist/c7c1ef09-f1e7-4049-9c33-00b613433e92/sist-en-iso-3451-1-2019>

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN ISO 3451-1

March 2019

ICS 83.080.01

Supersedes EN ISO 3451-1:2008

English Version

**Plastics - Determination of ash - Part 1: General methods
(ISO 3451-1:2019)**

Plastiques - Détermination du taux de cendres - Partie
1: Méthodes générales (ISO 3451-1:2019)

Kunststoffe - Bestimmung der Asche - Teil 1:
Allgemeine Verfahren (ISO 3451-1:2019)

This European Standard was approved by CEN on 15 February 2019.

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 CEN-CENELEC 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 CEN-CENELEC Management Centre has the same status as the official versions.

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

<https://standards.iteh.ai/catalog/standards/sist/c7c1ef09-fl e7-4049-9c33-00b613433e92/sist-en-iso-3451-1-2019>



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

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

Contents	Page
European foreword.....	3

iTeh STANDARD PREVIEW
(standards.iteh.ai)

SIST EN ISO 3451-1:2019
<https://standards.iteh.ai/catalog/standards/sist/c7c1ef09-f1e7-4049-9c33-00b613433e92/sist-en-iso-3451-1-2019>

European foreword

This document (EN ISO 3451-1:2019) 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 NBN.

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 2019, and conflicting national standards shall be withdrawn at the latest by September 2019.

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 3451-1:2008.

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

iTeh STANDARD PREVIEW
Endorsement notice
(standards.iteh.ai)

The text of ISO 3451-1:2019 has been approved by CEN as EN ISO 3451-1:2019 without any modification.

[SIST EN ISO 3451-1:2019
https://standards.iteh.ai/catalog/standards/sist/c7c1ef09-f1e7-4049-9c33-00b613433e92/sist-en-iso-3451-1-2019](https://standards.iteh.ai/catalog/standards/sist/c7c1ef09-f1e7-4049-9c33-00b613433e92/sist-en-iso-3451-1-2019)

iTeh STANDARD PREVIEW
(standards.iteh.ai)

[SIST EN ISO 3451-1:2019](#)

<https://standards.iteh.ai/catalog/standards/sist/c7c1ef09-f1e7-4049-9c33-00b613433e92/sist-en-iso-3451-1-2019>

INTERNATIONAL
STANDARD

ISO
3451-1

Fifth edition
2019-02

Plastics — Determination of ash —

**Part 1:
General methods**

*Plastiques — Détermination du taux de cendres —
Partie 1: Méthodes générales*

iTeh STANDARD PREVIEW
(standards.iteh.ai)

[SIST EN ISO 3451-1:2019](https://standards.iteh.ai/catalog/standards/sist/c7c1ef09-f1e7-4049-9c33-00b613433e92/sist-en-iso-3451-1-2019)

<https://standards.iteh.ai/catalog/standards/sist/c7c1ef09-f1e7-4049-9c33-00b613433e92/sist-en-iso-3451-1-2019>



Reference number
ISO 3451-1:2019(E)

© ISO 2019

iTeh STANDARD PREVIEW (standards.iteh.ai)

SIST EN ISO 3451-1:2019

<https://standards.iteh.ai/catalog/standards/sist/c7c1ef09-f1e7-4049-9c33-00b613433e92/sist-en-iso-3451-1-2019>



COPYRIGHT PROTECTED DOCUMENT

© ISO 2019

All rights reserved. Unless otherwise specified, or required in the context of its implementation, no part of this publication may be reproduced or utilized otherwise in any form or by any means, electronic or mechanical, including photocopying, or posting on the internet or an intranet, without prior written permission. Permission can be requested from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office
CP 401 • Ch. de Blandonnet 8
CH-1214 Vernier, Geneva
Phone: +41 22 749 01 11
Fax: +41 22 749 09 47
Email: copyright@iso.org
Website: www.iso.org

Published in Switzerland

Contents

	Page
Foreword.....	iv
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Principle	1
5 Reagents (for methods B and C only)	2
6 Apparatus	2
7 Procedure	3
7.1 Test portion.....	3
7.2 Test conditions.....	4
7.3 Method A — Direct calcination.....	5
7.4 Method B — Calcination following sulfuric acid treatment after burning.....	5
7.5 Method C — Calcination following sulfuric acid treatment before burning.....	6
7.6 Method D — Automated instrument method.....	6
8 Number of tests	7
9 Expression of results	7
10 Precision	7
11 Test report	8
Bibliography	9

[SIST EN ISO 3451-1:2019](https://standards.iteh.ai/catalog/standards/sist/c7c1ef09-f1e7-4049-9c33-00b613433e92/sist-en-iso-3451-1-2019)
<https://standards.iteh.ai/catalog/standards/sist/c7c1ef09-f1e7-4049-9c33-00b613433e92/sist-en-iso-3451-1-2019>