



SLOVENSKI STANDARD
SIST EN ISO 3451-4:2001
01-junij-2001

BUXca Yý U
SIST EN ISO 3451-4:2000
SIST ISO 3451-4:2000

Dc`ja Yfb]a UYf]U]!'8 c`c Yj Ub^Y dYdYU! ("XY. 'Dc`]Ua]X]fIGC" () % (.% - , Ł

Plastics - Determination of ash - Part 4: Polyamides (ISO 3451-4:1998)

Kunststoffe - Bestimmung der Asche - Teil 4: Polyamide (ISO 3451-4:1998)

Plastiques - Détermination du taux de cendres - Partie 4: Polyamides (ISO 3451-4:1998)

Ta slovenski standard je istoveten z: EN ISO 3451-4:2000

ICS:

83.080.20 Plastomeri Thermoplastic materials

SIST EN ISO 3451-4:2001 en

iTeh STANDARD PREVIEW
(standards.iteh.ai)

[SIST EN ISO 3451-4:2001](#)

<https://standards.iteh.ai/catalog/standards/sist/f246c4db-f175-4262-8f4b-83aedda177a/sist-en-iso-3451-4-2001>

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN ISO 3451-4

September 2000

ICS 83.080.20

Supersedes EN ISO 3451-4:1995

English version

Plastics - Determination of ash - Part 4: Polyamides (ISO 3451-4:1998)

Plastiques - Détermination du taux de cendres - Partie 4:
Polyamides (ISO 3451-4:1998)

Kunststoffe - Bestimmung der Asche - Teil 4: Polyamide
(ISO 3451-4:1998)

This European Standard was approved by CEN on 8 September 2000.

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 Central Secretariat 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 Central Secretariat 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, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

[SIST EN ISO 3451-4:2001](https://standards.iteh.ai/catalog/standards/sist/f46c4db-f175-4262-8f4b-83aedda177a/sist-en-iso-3451-4-2001)

<https://standards.iteh.ai/catalog/standards/sist/f46c4db-f175-4262-8f4b-83aedda177a/sist-en-iso-3451-4-2001>



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

Central Secretariat: rue de Stassart, 36 B-1050 Brussels

Page 2
EN ISO 3451-4:2000

Foreword

The text of the International Standard from Technical Committee ISO/TC 61 "Plastics" of the International Organization for Standardization (ISO) has been taken over as an European Standard by Technical Committee CEN/TC 249 "Plastics", the secretariat of which is held by IBN.

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 March 2001, and conflicting national standards shall be withdrawn at the latest by March 2001.

This European Standard supersedes EN ISO 3451-4:1995.

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

Endorsement notice

The text of the International Standard ISO 3451-4:1998 has been approved by CEN as a European Standard without any modification.

NOTE: Normative references to International Standards are listed in annex ZA (normative).

<https://standards.iteh.ai/catalog/standards/sist/f46c4db-f175-4262-8f4b-83aeddda177a/sist-en-iso-3451-4-2001>

Autore: ...
Titolo: ...
Y 3-01 ...
...

Annex ZA (normative)
Normative references to international publications
with their relevant European publications

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.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN</u>	<u>Year</u>
ISO 3451-1	1997	Plastics - Determination of ash - Part 1: General methods	EN ISO 3451-1	1997

iTeh STANDARD PREVIEW
(standards.iteh.ai)

[SIST EN ISO 3451-4:2001](https://standards.iteh.ai/catalog/standards/sist/f46c4db-f175-4262-8f4b-83aeddda177a/sist-en-iso-3451-4-2001)

<https://standards.iteh.ai/catalog/standards/sist/f46c4db-f175-4262-8f4b-83aeddda177a/sist-en-iso-3451-4-2001>

iTeh STANDARD PREVIEW
(standards.iteh.ai)

SIST EN ISO 3451-4:2001

<https://standards.iteh.ai/catalog/standards/sist/ff46c4db-f175-4262-8f4b-83aedda177a/sist-en-iso-3451-4-2001>

INTERNATIONAL STANDARD

ISO
3451-4

Second edition
1998-12-15

Plastics — Determination of ash — Part 4: Polyamides

Plastiques — Détermination du taux de cendres —

Partie 4: Polyamides

iTeh STANDARD PREVIEW
(standards.iteh.ai)

[SIST EN ISO 3451-4:2001](https://standards.iteh.ai/catalog/standards/sist/ff46c4db-f175-4262-8f4b-83aedda177a/sist-en-iso-3451-4-2001)

<https://standards.iteh.ai/catalog/standards/sist/ff46c4db-f175-4262-8f4b-83aedda177a/sist-en-iso-3451-4-2001>



Reference number
ISO 3451-4:1998(E)

ISO 3451-4:1998(E)

Contents

1 Scope	1
2 Normative reference	1
3 Principle	1
3.1 Unfilled materials	1
3.2 Filled and glass-fibre reinforced materials	1
3.3 Flame-retardant materials reinforced with glass fibre	2
4 Reagents (method C or method A in the presence of DBB)	2
5 Apparatus	2
6 Procedure	2
6.1 Test portion	2
6.2 Unfilled materials	3
6.3 Filled and glass-fibre reinforced materials	3
6.4 Materials reinforced with glass fibre containing flame-retardant antimony trioxide and/or other volatilizable additives	3
7 Expression of results	4
8 Precision	4
9 Test report	4

iTech STANDARD PREVIEW
(standards.iteh.ai)

SIST EN ISO 3451-4:2001

<https://standards.iteh.ai/catalog/standards/sist/f40c4d0-1175-4202-8f40-83acddda177a/sist-en-iso-3451-4-2001>

© ISO 1998

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from the publisher.

International Organization for Standardization
Case postale 56 • CH-1211 Genève 20 • Switzerland
Internet iso@iso.ch

Printed in Switzerland

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.

Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

International Standard ISO 3451-4 was prepared by Technical Committee ISO/TC 61, *Plastics*, Subcommittee SC 5, *Physical-chemical properties*.

This second edition cancels and replaces the first edition (ISO 3451-4:1986), which has been technically revised.

ISO 3451 consists of the following parts, under the general title *Plastics — Determination of ash*:

— Part 1: *General methods*

— Part 2: *Poly(alkylene terephthalate) materials*

— Part 3: *Unplasticized cellulose acetate*

— Part 4: *Polyamides*

— Part 5: *Poly(vinyl chloride)*

STANDARD PREVIEW
(standards.iteh.ai)
<https://standards.iteh.ai/catalog/standards/sist/f246c4db-f175-4262-8f4b-83aeddda177a/sist-en-iso-3451-4-2001>