



SLOVENSKI STANDARD

oSIST prEN ISO 3671:2023

01-februar-2023

**Polimerni materiali - Aminoplasti za oblikovanje - Določevanje hlapnih snovi
(ISO/DIS 3671:2022)**

Plastics - Aminoplastic moulding materials - Determination of volatile matter (ISO/DIS 3671:2022)

Kunststoffe - Aminoplast-Formmassen - Bestimmung der flüchtigen Anteile (ISO/DIS 3671:2022)

Plastiques - Matières à mouler aminoplastes - Détermination des matières volatiles (ISO/DIS 3671:2022)

Ta slovenski standard je istoveten z: prEN ISO 3671

ICS:

83.080.10

Duromeri

Thermosetting materials

oSIST prEN ISO 3671:2023

en,fr,de

DRAFT INTERNATIONAL STANDARD

ISO/DIS 3671

ISO/TC 61/SC 12

Secretariat: JISC

Voting begins on:
2022-12-26Voting terminates on:
2023-03-20

Plastics — Aminoplastic moulding materials — Determination of volatile matter

Matières plastiques — Matières à mouler aminoplastes — Détermination des matières volatiles

ICS: 83.080.10

iTeh STANDARD PREVIEW
(standards.iteh.ai)

[oSIST prEN ISO 3671:2023](https://standards.iteh.ai/catalog/standards/sist/cadf2675-0042-4bc3-80ca-155302817940/osist-pren-iso-3671-2023)

<https://standards.iteh.ai/catalog/standards/sist/cadf2675-0042-4bc3-80ca-155302817940/osist-pren-iso-3671-2023>

This document is circulated as received from the committee secretariat.

THIS DOCUMENT IS A DRAFT CIRCULATED FOR COMMENT AND APPROVAL. IT IS THEREFORE SUBJECT TO CHANGE AND MAY NOT BE REFERRED TO AS AN INTERNATIONAL STANDARD UNTIL PUBLISHED AS SUCH.

IN ADDITION TO THEIR EVALUATION AS BEING ACCEPTABLE FOR INDUSTRIAL, TECHNOLOGICAL, COMMERCIAL AND USER PURPOSES, DRAFT INTERNATIONAL STANDARDS MAY ON OCCASION HAVE TO BE CONSIDERED IN THE LIGHT OF THEIR POTENTIAL TO BECOME STANDARDS TO WHICH REFERENCE MAY BE MADE IN NATIONAL REGULATIONS.

RECIPIENTS OF THIS DRAFT ARE INVITED TO SUBMIT, WITH THEIR COMMENTS, NOTIFICATION OF ANY RELEVANT PATENT RIGHTS OF WHICH THEY ARE AWARE AND TO PROVIDE SUPPORTING DOCUMENTATION.

ISO/CEN PARALLEL PROCESSING



Reference number
ISO/DIS 3671:2022(E)

© ISO 2022

iTeh STANDARD PREVIEW (standards.iteh.ai)

oSIST prEN ISO 3671:2023

<https://standards.iteh.ai/catalog/standards/sist/cadf2675-0042-4bc3-80ca-155302817940/osist-pren-iso-3671-2023>



COPYRIGHT PROTECTED DOCUMENT

© ISO 2022

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
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 Apparatus.....	1
5 Storage of Sample.....	1
6 Procedure.....	1
7 Expression of Results.....	2
8 Test Report.....	2

iTeh STANDARD PREVIEW
(standards.iteh.ai)

[oSIST prEN ISO 3671:2023](https://standards.iteh.ai/catalog/standards/sist/cadf2675-0042-4bc3-80ca-155302817940/osist-pren-iso-3671-2023)

<https://standards.iteh.ai/catalog/standards/sist/cadf2675-0042-4bc3-80ca-155302817940/osist-pren-iso-3671-2023>

ISO/DIS 3671:2022(E)

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 documents 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).

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see www.iso.org/patents).

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

For an explanation of the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT), see www.iso.org/iso/foreword.html.

This document was prepared by Technical Committee ISO/TC 61, *Plastics*, Subcommittee SC 12, *Thermosetting materials*.

This second edition cancels and replaces the first edition (ISO 3671:1976), which has been technically revised.

The main changes are as follows:

- Updated to modern format
- Added to record the weight of the empty weighing bottle under [section 4](#).
- Changed the formula in [section 5](#).

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.

Plastics — Aminoplastic moulding materials — Determination of volatile matter

1 Scope

This International Standard specifies a method for the determination of volatile matter (predominantly water) in aminoplastic moulding materials, by drying in an oven.

2 Normative references

There are no normative references in this document.

3 Terms and definitions

No terms and definitions are listed in this document.

ISO and IEC maintain terminology databases for use in standardization at the following addresses:

- ISO Online browsing platform: available at <https://www.iso.org/obp>
- IEC Electropedia: available at <https://www.electropedia.org/>

4 Apparatus

4.1 Two wide-mouthed weighing bottles, of internal diameter 45 mm and depth 35 mm, provided with tight-fitting covers.

4.2 Well-ventilated oven, capable of being controlled at 55 ± 1 °C.

4.3 Balance, with an accuracy of 0,001 g.

5 Storage of Sample

Store the sample in an airtight container prior to testing, to prevent the loss or gain of water or other volatile matter.

6 Procedure

6.1 Record the weight, to the nearest 0,001 g, of a clean dried empty weighing bottle (4.1).

6.2 Weigh $5 \pm 0,1$ g of the sample to the nearest 0,001 g into the weighing bottle and spread evenly over the bottom of the bottle. Conduct the test in duplicate.

6.3 Place the bottles, with covers removed, in the oven (4.2), controlled at 55 ± 1 °C. After a period of 3 h, close the weighing bottles, remove from the oven and place in a desiccator at room temperature. After a period of at least 1 h, ease the covers of the weighing bottles to equalize pressure, and reweigh the bottles.