



SLOVENSKI STANDARD SIST EN ISO 11358-1:2014

01-oktober-2014

Nadomešča:
SIST EN ISO 11358:1999

**Polimerni materiali - Termogravimetrija (TG) polimerov - 1. del: Splošna načela
(ISO 11358-1:2014)**

Plastics - Thermogravimetry (TG) of polymers - Part 1: General principles (ISO 11358-1:2014)

Kunststoffe - Thermogravimetrie (TG) von Polymeren - Teil 1: Allgemeine Grundsätze
(ISO 11358-1:2014)

Plastiques - Thermogravimétrie (TG) des polymères - Partie 1: Principes généraux (ISO
11358-1:2014)

<https://standards.iteh.ai/catalog/standards/sist/baa51c28-9a9d-4853-927b-b96097fd7825/sist-en-iso-11358-1-2014>

Ta slovenski standard je istoveten z: EN ISO 11358-1:2014

ICS:

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

SIST EN ISO 11358-1:2014	en
---------------------------------	-----------

iTeh STANDARD PREVIEW
(standards.iteh.ai)

[SIST EN ISO 11358-1:2014](#)

<https://standards.iteh.ai/catalog/standards/sist/baa51c28-9a9d-4853-927b-b96097fd7825/sist-en-iso-11358-1-2014>

EUROPEAN STANDARD

EN ISO 11358-1

NORME EUROPÉENNE

EUROPÄISCHE NORM

July 2014

ICS 83.080.01

Supersedes EN ISO 11358:1997

English Version

Plastics - Thermogravimetry (TG) of polymers - Part 1: General principles (ISO 11358-1:2014)

Plastiques - Thermogravimétrie (TG) des polymères - Partie
1: Principes généraux (ISO 11358-1:2014)

Kunststoffe - Thermogravimetrie (TG) von Polymeren - Teil
1: Allgemeine Grundsätze (ISO 11358-1:2014)

This European Standard was approved by CEN on 28 June 2014.

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, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and United Kingdom.

[SIST EN ISO 11358-1:2014](https://standards.iteh.ai/catalog/standards/sist/baa51c28-9a9d-4853-927b-b96097fd7825/sist-en-iso-11358-1-2014)

<https://standards.iteh.ai/catalog/standards/sist/baa51c28-9a9d-4853-927b-b96097fd7825/sist-en-iso-11358-1-2014>



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

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

Contents	Page
Foreword.....	3

iTeh STANDARD PREVIEW
(standards.iteh.ai)

[SIST EN ISO 11358-1:2014](https://standards.iteh.ai/catalog/standards/sist/baa51c28-9a9d-4853-927b-b96097fd7825/sist-en-iso-11358-1-2014)
<https://standards.iteh.ai/catalog/standards/sist/baa51c28-9a9d-4853-927b-b96097fd7825/sist-en-iso-11358-1-2014>

Foreword

This document (EN ISO 11358-1:2014) 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 January 2015, and conflicting national standards shall be withdrawn at the latest by January 2015.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

This document supersedes EN ISO 11358:1997.

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, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

Endorsement notice

The text of ISO 11358-1:2014 has been approved by CEN as EN ISO 11358-1:2014 without any modification.

ITEH STANDARD PREVIEW
(standards.iteh.ai)

[SIST EN ISO 11358-1:2014](https://standards.iteh.ai/catalog/standards/sist/baa51c28-9a9d-4853-927b-b96097fd7825/sist-en-iso-11358-1-2014)

<https://standards.iteh.ai/catalog/standards/sist/baa51c28-9a9d-4853-927b-b96097fd7825/sist-en-iso-11358-1-2014>

iTeh STANDARD PREVIEW
(standards.iteh.ai)

[SIST EN ISO 11358-1:2014](#)

<https://standards.iteh.ai/catalog/standards/sist/baa51c28-9a9d-4853-927b-b96097fd7825/sist-en-iso-11358-1-2014>

INTERNATIONAL
STANDARD

ISO
11358-1

First edition
2014-07-15

**Plastics — Thermogravimetry (TG) of
polymers —**

**Part 1:
General principles**

Plastiques — Thermogravimétrie (TG) des polymères —

Partie 1: Principes généraux
iTeh STANDARD PREVIEW
(standards.iteh.ai)

SIST EN ISO 11358-1:2014

<https://standards.iteh.ai/catalog/standards/sist/baa51c28-9a9d-4853-927b-b96097fd7825/sist-en-iso-11358-1-2014>



Reference number
ISO 11358-1:2014(E)

© ISO 2014

iTeh STANDARD PREVIEW (standards.iteh.ai)

[SIST EN ISO 11358-1:2014](https://standards.iteh.ai/catalog/standards/sist/baa51c28-9a9d-4853-927b-b96097fd7825/sist-en-iso-11358-1-2014)

<https://standards.iteh.ai/catalog/standards/sist/baa51c28-9a9d-4853-927b-b96097fd7825/sist-en-iso-11358-1-2014>



COPYRIGHT PROTECTED DOCUMENT

© ISO 2014

All rights reserved. Unless otherwise specified, 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
Case postale 56 • CH-1211 Geneva 20
Tel. + 41 22 749 01 11
Fax + 41 22 749 09 47
E-mail copyright@iso.org
Web www.iso.org

Published in Switzerland

Contents

Page

Foreword.....	iv
1 Scope.....	1
2 Normative references.....	1
3 Terms and definitions.....	1
4 Principle.....	2
5 Apparatus.....	2
6 Test specimen preparation.....	2
6.1 General.....	2
6.2 Test specimens from finished products.....	3
6.3 Test specimen conditioning.....	3
6.4 Test specimen mass.....	3
7 Calibration.....	3
7.1 Mass calibration.....	3
7.2 Temperature calibration.....	3
8 Procedure.....	4
8.1 General.....	4
8.2 Temperature scanning mode.....	4
8.3 Isothermal mode.....	5
9 Expression of results.....	5
9.1 Graphical representation.....	5
9.2 Determination of increase in mass.....	5
9.3 Determination of loss in mass.....	6
10 Test report.....	8