

# SLOVENSKI STANDARD oSIST prEN ISO 16929:2020

01-julij-2020

### Polimerni materiali - Ugotavljanje stopnje razpada polimernih materialov pri določenih pogojih kompostiranja v pilotnem merilu (ISO/DIS 16929:2020)

Plastics - Determination of the degree of disintegration of plastic materials under defined composting conditions in a pilot-scale test (ISO/DIS 16929:2020)

Kunststoffe - Bestimmung des Zersetzungsgrades von Kunststoffmaterialien unter festgelegten Bedingungen der Kompostierung mittels einer Technikumsmaßstab-Prüfung (ISO/DIS 16929:2020)

Plastiques - Détermination du degré de désintégration des matériaux plastiques dans des conditions de compostage définies lors d'un essai à échelle pilote (ISO/DIS 16929:2020)

#### SIST EN ISO 16929:2021

https://Ta slovenski standard je istoveten z: 762a prEN ISO 16929 d302162548f8/sist-en-iso-16929-2021

#### ICS:

83.080.01 Polimerni materiali na splošno

Plastics in general

oSIST prEN ISO 16929:2020

en,fr,de

oSIST prEN ISO 16929:2020

# iTeh Standards (https://standards.iteh.ai) Document Preview

SIST EN ISO 16929:2021

https://standards.iteh.ai/catalog/standards/sist/9e7762a3-a015-452b-a2e7-d302162548f8/sist-en-iso-16929-2021

# DRAFT INTERNATIONAL STANDARD ISO/DIS 16929

ISO/TC 61/SC 14

Voting begins on: **2020-05-12** 

Secretariat: **DIN** 

Voting terminates on: 2020-08-04

# Plastics — Determination of the degree of disintegration of plastic materials under defined composting conditions in a pilot-scale test

*Plastiques — Détermination du degré de désintégration des matériaux plastiques dans des conditions de compostage définies lors d'un essai à échelle pilote* 

#### ICS: 83.080.01

# iTeh Standards (https://standards.iteh.ai) Document Preview

SIST EN ISO 16929:2021

https://standards.iteh.ai/catalog/standards/sist/9e7762a3-a015-452b-a2e7-d302162548f8/sist-en-iso-16929-2021

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. This document is circulated as received from the committee secretariat.

# **ISO/CEN PARALLEL PROCESSING**



Reference number ISO/DIS 16929:2020(E) ISO/DIS 16929:2020(E)

# iTeh Standards (https://standards.iteh.ai) Document Preview

SIST EN ISO 16929:2021

https://standards.iteh.ai/catalog/standards/sist/9e7762a3-a015-452b-a2e7-d302162548f8/sist-en-iso-16929-2021



## **COPYRIGHT PROTECTED DOCUMENT**

#### © ISO 2020

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

## ISO/DIS 16929:2020(E)

Page

# Contents

Fore	eword		iv
Intr	oductio	n	v
1	Scop	e	1
2	Norm	native references	1
3	Term	is and definitions	
4	Princ	ciple	
5	Арра	iratus	
6	<b>Test</b> (6.1)	procedure   Actions before and during incubation   6.1.1 Start-up of the test   6.1.2 Turning   6.1.3 Termination of the test   Analysis and process control 6.2.1   Start-up of the test 6.2.2   During the test 6.2.3   Termination of the test 6.2.3	4 4 5 5 6 6 7
7	Calculation		
8	Valid	lity of the test <b>i Teh Standards</b>	9
9 Bibl	Test iograph	report (https://standards.iteh.ai) Document Preview	9 

#### SIST EN ISO 16929:2021

https://standards.iteh.ai/catalog/standards/sist/9e7762a3-a015-452b-a2e7-d302162548f8/sist-en-iso-16929-2021

#### ISO/DIS 16929:2020(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 <a href="https://www.iso.org/directives">www.iso.org/directives</a>).

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 <a href="https://www.iso.org/patents">www.iso.org/patents</a>).

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 <u>www.iso.org/</u> iso/foreword.html.

This document was prepared by Technical Committee ISO/TC 61, *Plastics*, Subcommittee SC 14, *Environmental aspects*.

This fourth edition cancels and replaces the third edition (ISO 16929:2019), which has been technically revised.

The main changes compared to the previous edition are as follows:

- in <u>6.1.1</u>, the minimum amount of biowaste has been changed to 15 kg from 30 kg due to the smaller size of composting bins;
- in <u>6.2.2.3</u>, a separate temperature profile has been added to cover tests including also production of compost for ecotoxicity tests.

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 <u>www.iso.org/members.html</u>.