SLOVENSKI STANDARD
SIST EN ISO 13927:2015

01-julij-2015

Nadomešča:
SIST EN ISO 13927:2003

Polimerni materiali - Preprost preskus za ugotavljanje sproščene toplote z uporabo koničnega radiacijskega grelnika in detektorja iz termoelektrične baterije (ISO 13927:2015)

Plastics - Simple heat release test using a conical radiant heater and a thermopile detector (ISO 13927:2015)

Kunststoffe - Einfache Prüfung der Wärmefreisetzung unter Anwendung eines kegelförmigen Strahlungsheizkörpers und einer Thermosäule als Detektor (ISO 13927:2015)

Plastiques - Essai simple pour la détermination du débit calorifique au moyen d'un radiateur conique et d'une sonde à thermopile (ISO 13927:2015)

Ta slovenski standard je istoveten z: **EN ISO 13927:2015**

ICS:

83.080.01	Polimerni materiali na splošno	Plastics in general

SIST EN ISO 13927:2015 **en**

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN ISO 13927

April 2015

ICS 83.080.01

Supersedes EN ISO 13927:2003

English Version

Plastics - Simple heat release test using a conical radiant heater and a thermopile detector (ISO 13927:2015)

Plastiques - Essai simple pour la détermination du débit calorifique au moyen d'un radiateur conique et d'une sonde à thermopile (ISO 13927:2015)

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This European Standard was approved by CEN on 21 February 2015.

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

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Ref. No. EN ISO 13927:2015 E

Contents

Page

Foreword

This document (EN ISO 13927:2015) 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of an identical text or by endorsement, at the latest by October 2015, and conflicting national standards shall be withdrawn at the latest by October 2015.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.

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Endorsement notice

The text of ISO 13927:2015 has been approved by CEN as EN ISO 13927:2015 without any modification.

INTERNATIONAL STANDARD

ISO 13927

Second edition
2015-04-15

Plastics — Simple heat release test using a conical radiant heater and a thermopile detector

Plastiques — Essai simple pour la détermination du débit calorifique au moyen d'un radiateur conique et d'une sonde à thermopile

Reference number
ISO 13927:2015(E)

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Published in Switzerland

Contents

Page

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).

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For an explanation on the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the WTO principles in the Technical Barriers to Trade (TBT) see the following URL: Foreword - Supplementary Information

The committee responsible for this document is ISO/TC 61, *Plastics*, Subcommittee SC 4, *Burning behaviour*.

This second edition cancels and replaces the first edition (ISO 13927:2001), which has been technically revised.

Introduction

Fire is a complex phenomenon; its behaviour and effects depend upon a number of interrelated factors. The behaviour of materials and products depends upon the characteristics of the fire, the method of use of the materials, and the environment in which they are exposed (see also ISO 13943).

A test such as the one specified in this International Standard deals only with a simple representation of a particular aspect of the potential fire situation, typified by a radiant heat source, and it cannot alone provide any direct guidance on the behaviour or safety in fire. A test of this type can, however, be used for comparative purposes or to ensure the existence of a certain quality of performance (in this case, heat release from a composite material or an assembly) considered to have a bearing on fire performance generally. It would be wrong to attach any other meaning to performance in this test.

The attention of all users of this test is drawn to the warning that immediately precedes Clause 10.