

### SLOVENSKI STANDARD SIST EN ISO 9073-1:2023

01-september-2023

Vlaknovine - Metode preskušanja - 1. del: Ugotavljanje ploščinske mase (ISO 9073-1:2023)

Nowovens - Test methods - Part 1: Determination of mass per unit area (ISO 9073-1:2023)

Vliesstoffe - Prüfverfahren - Teil 1: Bestimmung der flächenbezogenen Masse (ISO 9073 -1:2023)

Nontissés - Méthodes d'essai - Partie 1: Détermination de la masse surfacique (ISO 9073-1:2023)

Ta slovenski standard je istoveten z: EN ISO 9073-1:2023

ICS:

59.080.30 Tkanine Textile fabrics

SIST EN ISO 9073-1:2023 en,fr,de

**SIST EN ISO 9073-1:2023** 

# iTeh STANDARD PREVIEW (standards.iteh.ai)

SIST EN ISO 9073-1:2023

EUROPEAN STANDARD NORME EUROPÉENNE EUROPÄISCHE NORM EN ISO 9073-1

June 2023

ICS 59.080.30

Supersedes EN 29073-1:1992

#### **English Version**

### Nowovens - Test methods - Part 1: Determination of mass per unit area (ISO 9073-1:2023)

Nontissés - Méthodes d'essai - Partie 1: Détermination de la masse surfacique (ISO 9073-1:2023)

Vliesstoffe - Prüfverfahren - Teil 1: Bestimmung der flächenbezogenen Masse (ISO 9073-1:2023)

This European Standard was approved by CEN on 27 May 2023.

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, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Türkiye and United Kingdom.

https://standards.iteh.ai/catalog/standards/sist/2c5ac3f9-9129-4076-971b-ce6cbbf31108/sist-en-iso-9073-1-2023



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

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

### EN ISO 9073-1:2023 (E)

Contents	Page
European foreword	

# iTeh STANDARD PREVIEW (standards.iteh.ai)

### **European foreword**

This document (EN ISO 9073-1:2023) has been prepared by Technical Committee ISO/TC 38 "Textiles" in collaboration with Technical Committee CEN/TC 248 "Textiles and textile products" the secretariat of which is held by BSI.

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 December 2023, and conflicting national standards shall be withdrawn at the latest by December 2023.

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

This document supersedes EN 29073-1:1992.

Any feedback and questions on this document should be directed to the users' national standards body/national committee. A complete listing of these bodies can be found on the CEN website.

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, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Türkiye and the United Kingdom.

### **Endorsement notice**

The text of ISO 9073-1:2023 has been approved by CEN as EN ISO 9073-1:2023 without any modification.

**SIST EN ISO 9073-1:2023** 

# iTeh STANDARD PREVIEW (standards.iteh.ai)

SIST EN ISO 9073-1:2023

**SIST EN ISO 9073-1:2023** 

## INTERNATIONAL STANDARD

ISO 9073-1

Second edition 2023-06

### Nonwovens — Test methods —

Part 1:

### Determination of mass per unit area

Nontissés — Méthodes d'essai —

Partie 1: Détermination de la masse surfacique

# iTeh STANDARD PREVIEW (standards.iteh.ai)

SIST EN ISO 9073-1:2023



ISO 9073-1:2023(E)

# iTeh STANDARD PREVIEW (standards.iteh.ai)

SIST EN ISO 9073-1:2023
https://standards.iteh.ai/catalog/standards/sist/2c5ac3f9-9129-4076-971b-



### **COPYRIGHT PROTECTED DOCUMENT**

© ISO 2023

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

### ISO 9073-1:2023(E)

Cor	tents	Page
Fore	ord	iv
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Principle	2
5	Apparatus	2
6	Sampling 6.1 General 6.2 Preparation of test specimen	2
7	Conditioning	3
8	Procedure  8.1 Mass measurement based on cutting test specimens to the proper size 50 000 mm  8.2 Mass measurement of small/unique test specimens, where the largest rectangle possible is cut	n <sup>2</sup> 3 e
9	Expression of results	4
10	Precision	
11	Test report An STANDARD PREVIEW	4
Bibli	graphy(Standards.iten.ai)	6

SIST EN ISO 9073-1:2023

ISO 9073-1:2023(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 document should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see <a href="www.iso.org/directives">www.iso.org/directives</a>).

ISO draws attention to the possibility that the implementation of this document may involve the use of (a) patent(s). ISO takes no position concerning the evidence, validity or applicability of any claimed patent rights in respect thereof. As of the date of publication of this document, ISO had not received notice of (a) patent(s) which may be required to implement this document. However, implementers are cautioned that this may not represent the latest information, which may be obtained from the patent database available at <a href="www.iso.org/patents">www.iso.org/patents</a>. ISO shall not be held responsible for identifying any or all such patent rights.

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 <a href="https://www.iso.org/iso/foreword.html">www.iso.org/iso/foreword.html</a>.

This document was prepared by Technical Committee ISO/TC 38, *Textiles*, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 248, *Textiles and textile products*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This second edition cancels and replaces the first edition (ISO 9073-1:1989), which has been technically revised.

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

- the title has been changed from "Textiles Test methods for nonwovens Part 1: Determination of mass per unit area" to "Nonwovens — Test methods — Part 1: Determination of mass per unit area";
- the mandatory Terms and definitions clause (<u>Clause 3</u>) has been added and subsequent clauses have been renumbered;
- the text has been reviewed and improved.

A list of all parts in the ISO 9073 series can be found on the ISO website.

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 <a href="https://www.iso.org/members.html">www.iso.org/members.html</a>.