

**Textiles - Test methods for nonwovens -
Part 10: Lint and other particles
generation in the dry state**

Textiles - Test methods for nonwovens - Part 10:
Lint and other particles generation in the dry state

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN ISO 9073-10:2005 sisaldab Euroopa standardi EN ISO 9073-10:2004 ingliskeelset teksti.</p> <p>Käesolev dokument on jõustatud 22.02.2005 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN ISO 9073-10:2005 consists of the English text of the European standard EN ISO 9073-10:2004.</p> <p>This document is endorsed on 22.02.2005 with the notification being published in the official publication of the Estonian national standardisation organisation.</p> <p>The standard is available from Estonian standardisation organisation.</p>
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<p>Käsitlusala:</p> <p>This part of ISO 9073 specifies a test method for measuring the linting of nonwovens in the dry state. It can also be applied to other textile materials.</p>	<p>Scope:</p> <p>This part of ISO 9073 specifies a test method for measuring the linting of nonwovens in the dry state. It can also be applied to other textile materials.</p>
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Võtmesõnad:

English version

Textiles

Test methods for nonwovens

**Part 10: Lint and other particles generation in the dry state
(ISO 9073-10:2003)**

Textiles – Méthodes d'essai pour
nontissés – Partie 10: Relargage de
peluches et autres particules à l'état
sec (ISO 9073-10:2003)

Textilien – Prüfverfahren für Vliesstoffe
– Teil 10: Analyse von Faserfragmen-
ten und anderen Partikeln im trocke-
nen Zustand (ISO 9073-10:2003)

This European Standard was approved by CEN on 2004-12-21.

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CEN

European Committee for Standardization
Comité Européen de Normalisation
Europäisches Komitee für Normung

Management Centre: 36, rue de Stassart, B-1050 Brussels

Foreword

International Standard

ISO 9073-10:2003 Textiles – Test methods for nonwovens – Part 10: Lint and other particles generation in the dry state,

which was prepared by ISO/TC 38 'Textiles' of the International Organization for Standardization, has been adopted by Technical Committee CEN/TC 248 'Textiles and textile products', the Secretariat of which is held by BSI, as a European Standard.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, and conflicting national standards withdrawn, by June 2005 at the latest.

In accordance with the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard:

Austria, Belgium, Cyprus, the Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, Switzerland, and the United Kingdom.

Endorsement notice

The text of the International Standard ISO 9073-10:2003 was approved by CEN as a European Standard without any modification.

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1 Scope

This part of ISO 9073 specifies a test method for measuring the linting of nonwovens in the dry state. It can also be applied to other textile materials.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 554, *Standard atmospheres for conditioning and/or testing — Specifications*

ISO 14644-1, *Cleanrooms and associated controlled environments — Part 1: Classification or air cleanliness*

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

3.1

lint

fibre fragments released during handling

3.2

linting

release of lint and other particles during handling

3.3

coefficient of linting

log of the particle count applied to all or to a part of the measurement channels

4 Principle

This procedure describes a modified Gelbo Flex method in which the sample is subjected to a combined twisting and compression action in a test chamber. During the flexing, air is withdrawn from the chamber and particulates in the air stream are counted and classified in a particle counter. Depending on the choice of counter, the size ranges can fall within the limits of 0,3 µm or 0,5 µm to 25 µm.

See Annex A for general information on reproducibility.