

DIN EN ISO 12945-3



ICS 59.080.01

Supersedes
DIN EN ISO 12945-3:2014-10

**Textiles –
Determination of fabric propensity to surface pilling, fuzzing or matting –
Part 3: Random tumble pilling method (ISO 12945-3:2020);
English version EN ISO 12945-3:2020,
English translation of DIN EN ISO 12945-3:2021-04**

Textilien –
Bestimmung der Neigung von textilen Flächengebilden zur Pillbildung, Flusenbildung oder
Verfilzung auf der Oberfläche –
Teil 3: Random-Tumble-Pilling-Verfahren (ISO 12945-3:2020);
Englische Fassung EN ISO 12945-3:2020,
Englische Übersetzung von DIN EN ISO 12945-3:2021-04

Textiles –
Détermination de la propension des étoffes au boulochage, à l'ébouriffage ou au
moutonnement en surface –
Partie 3: Méthode d'essai de boulochage par chocs aléatoires dans une chambre cylindrique
(ISO 12945-3:2020);
Version anglaise EN ISO 12945-3:2020,
Traduction anglaise de DIN EN ISO 12945-3:2021-04

Document comprises 21 pages

Translation by DIN-Sprachendienst.

In case of doubt, the German-language original shall be considered authoritative.

A comma is used as the decimal marker.

National foreword

This document (EN ISO 12945-3:2020) has been prepared by Technical Committee ISO/TC 38 “Textiles” in collaboration with Technical Committee CEN/TC 248 “Textiles and textile products” (Secretariat: BSI, United Kingdom).

The responsible German body involved in its preparation was *DIN-Normenausschuss Materialprüfung* (DIN Standards Committee Materials Testing), Working Committee NA 062-05-21 AA “Physical and technological test methods for textiles”.

The DIN documents corresponding to the documents referred to in this document are as follows:

ISO 48-2	DIN ISO 48-2
ISO 139	DIN EN ISO 139
ISO 3175-1	DIN EN ISO 3175-1
ISO 3175-2	DIN EN ISO 3175-2
ISO 3175-3	DIN EN ISO 3175-3
ISO 3175-4	DIN EN ISO 3175-4
ISO 6330	DIN EN ISO 6330
ISO 12945-1	DIN EN ISO 12945-1
ISO 12945-2	DIN EN ISO 12945-2
ISO 12945-4	DIN EN ISO 12945-4

For current information on this document, please go to DIN’s website (www.din.de) and search for the document number in question.

Amendments

This standard differs from DIN EN ISO 12945-3:2014-10 as follows:

- a) Clause 2 “Normative references” has been updated;
- b) Clause 3 “Terms and definitions” has been revised;
- c) 5.1.3 “Viewing cabinet” has been deleted;
- d) Clause 6 “Conditioning and testing atmosphere” has been renumbered to Clause 8;
- e) 7.1 “Pretreatment of the laboratory sample” (now 6.1) has been revised;
- f) Clause 10 “Assessment of pilling, fuzzing and matting” has been revised by carrying out the visual assessment of pilling, fuzzing and matting according to ISO 12945-4;
- g) Clause 12 “Test report” has been revised;
- h) the Bibliography has been updated;
- i) the document has been editorially revised.

Previous editions

DIN EN ISO 12945-3: 2014-10

National Annex NA (informative)

Bibliography

DIN EN ISO 139, *Textiles — Standard atmospheres for conditioning and testing*

DIN EN ISO 3175-1, *Textiles — Professional care, drycleaning and wetcleaning of fabrics and garments — Part 1: Assessment of performance after cleaning and finishing*

DIN EN ISO 3175-2, *Textiles — Professional care, drycleaning and wetcleaning of fabrics and garments — Part 2: Procedure for testing performance when cleaning and finishing using tetrachloroethene*

DIN EN ISO 3175-3, *Textiles — Professional care, drycleaning and wetcleaning of fabrics and garments — Part 3: Procedure for testing performance when cleaning and finishing using hydrocarbon solvents*

DIN EN ISO 3175-4, *Textiles — Professional care, drycleaning and wetcleaning of fabrics and garments — Part 4: Procedure for testing performance when cleaning and finishing using simulated wetcleaning*

DIN EN ISO 6330, *Textiles — Domestic washing and drying procedures for textile testing*

DIN EN ISO 12945-1, *Textiles — Determination of the fabric propensity to surface pilling, fuzzing or matting — Part 1: Pilling box method*

DIN EN ISO 12945-2, *Textiles — Determination of the fabric propensity to surface pilling, fuzzing or matting — Part 2: Modified Martindale method*

DIN EN ISO 12945-4, *Textiles — Determination of the fabric propensity to surface pilling, fuzzing or matting — Part 4: Assessment of pilling, fuzzing and matting by visual analysis*

DIN ISO 48-2, *Rubber, vulcanized or thermoplastic — Determination of hardness — Part 2: Hardness between 10 IRHD and 100 IRHD*

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