

DIN EN ISO 12947-1

ICS 59.080.30

Supersedes
DIN EN ISO 12947-1:1999-04**Textiles –****Determination of the abrasion resistance of fabrics by the Martindale method –****Part 1: Martindale abrasion testing apparatus****(ISO 12947-1:1998 + Cor. 1:2002) (includes Corrigendum AC:2006)****English version of DIN EN ISO 12947-1:2007-04**

Textilien –

Bestimmung der Scheuerbeständigkeit von textilen Flächengebilden mit dem Martindale-Verfahren –

Teil 1: Martindale-Scheuerprüfgerät (ISO 12947-1:1998 + Cor. 1:2002)

(enthält Berichtigung AC:2006)

Englische Fassung DIN EN ISO 12947-1:2007-04

Document comprises 21 pages



National foreword

This standard has been prepared by CEN/TC 248 "Textiles and textile products" (Secretariat: BSI, United Kingdom).

The responsible German body involved in its preparation was the *Normenausschuss Materialprüfung* (Materials Testing Standards Committee), Technical Committee NMP 521 *Physikalisch-technologische Prüfverfahren für Textilien*.

This standard includes Corrigendum EN ISO 12947-1:1998/AC:2006; the corrections are marked by a vertical line in the left margin.

The DIN Standards corresponding to the International Standards referred to in clause 2 of the EN are as follows (see also Annex ZA):

ISO 137	DIN 53811
ISO 286-2	DIN ISO 286-2
ISO 845	DIN EN ISO 845
ISO 2060	DIN EN ISO 2060
ISO 2061	DIN EN ISO 2061
ISO 2286-3	DIN EN ISO 2286-3
ISO 3074	DIN 54278-1
ISO 5084	DIN EN ISO 5084
ISO 7211-2	DIN EN 1049-2
ISO 12947-2	DIN EN ISO 12947-2
ISO 12947-3	DIN EN ISO 12947-3

Amendments

This standard differs from DIN 53863-3:1991-07 as follows:

a) EN ISO 12947-1:1998 has been adopted in its entirety.

The following corrections have been made to DIN EN ISO 12947-1:1999-04:

b) In 5.3.a) and in Figures 1 to 6 and 8, the decimal notation of various dimensions has been changed.

Previous editions

DIN 53863-3: 1991-07

DIN EN ISO 12947-1: 1999-04

National Annex NA (informative)

Bibliography

DIN 53811, *Determining the diameter of textile fibres by microprojection in longitudinal view*

DIN 54278-1, *Testing of textiles — Coatings and attendant materials — Determination of materials soluble in organic solvents*

DIN EN 1049-2, *Textiles — Woven fabrics; construction — Methods of analysis — Part 2: Determination of number of threads per unit length (ISO 7211-2:1984, modified)*

DIN EN ISO 845, *Cellular plastics and rubbers — Determination of apparent (bulk) density (ISO 845:1988)*

DIN EN ISO 2060, *Textiles — Yarn from packages — Determination of linear density (mass per unit length) by the skein method (ISO 2060:1994)*

DIN EN ISO 2061, *Textiles — Determination of twist in yarns — Direct counting method (ISO 2061:1995)*

DIN EN ISO 2286-3, *Rubber- or plastic-coated fabrics — Determination of roll characteristics — Part 3: Method for determination of thickness (ISO 2286-3:1998)*

DIN EN ISO 5084, *Textiles — Determination of thickness of textiles and textile products (ISO 5084:1996)*

DIN EN ISO 12947-2, *Textiles — Determination of abrasion resistance of fabrics by the Martindale method — Part 2: Determination of specimen breakdown*

DIN EN ISO 12947-3, *Textiles — Determination of abrasion resistance of fabrics by the Martindale method — Part 3: Determination of mass loss*

DIN ISO 286-2, *ISO system of limits and fits — Tables of standard tolerance grades and limit deviations for holes and shafts*

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