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SANS 105-B01:1994

Edition 1 and ISO amdt 1, nat. amdt 1

ISO 105-B01:1994

Edition 5 and amdt 1

Any reference to SABS ISO 105-B01 is deemed
to be a reference to this standard
(Government Notice No. 1373 of 8 November 2002)

SOUTH AFRICAN NATIONAL STANDARD

Textiles — Tests for colour fastness

Part B01: Colour fastness to light: Daylight

This national standard is the identical implementation of ISO 105-B01:1994 and ISO amendment 1, and is adopted with the permission of the International Organization for Standardization.

SANS 105-B01:1994

Edition 1 and ISO amdt 1, nat. amdt 1

ISO 105-B01:1994

Edition 5 and amdt 1

Table of changes

Change No.	Date	Scope
ISO amdt 1	1998	Has been amended to expand on the relationship between the two sets of reference materials specified, to alter the thickness of the window glass on the exposure rack, to modify exposure methods 1 and 2, and to amend certain assessment parameters.
Nat. amdt 1	2006	Amended to change the designation from SABS to SANS, with no technical changes.

National foreword

This South African standard was approved by National Committee SABS SC 38A, *Textile test methods – Coloured textiles & colorants*, in accordance with procedures of the SABS Standards Division, in compliance with annex 3 of the WTO/TBT agreement.

This SANS edition is technically identical to SABS ISO 105-B01:1994.

**Reaffirmed and reprinted in April 2012.
This standard will be reviewed every five years
and be reaffirmed, amended, revised or withdrawn.**

INTERNATIONAL STANDARD

ISO
105-B01

Fifth edition
1994-11-15

AMENDMENT 1
1998-03-01

Textiles — Test for colour fastness —

Part B01: **Colour fastness to light: Daylight** **AMENDMENT 1**

Textiles — Essais de solidité des teintures —

Partie B01: Solidité des teintures à la lumière: Lumière du jour

Amendement 1



Reference number
ISO 105-B01:1994/Amd.1:1998(E)

ISO 105-B01:1994/Amd.1:1998(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.

Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

Amendment 1 to ISO 105-B01:1994 was prepared by Technical Committee ISO/TC 38, *Textiles*, Subcommittee SC 1, *Tests for coloured textiles and colorants*.

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Textiles — Tests for colour fastness —

Part B01:

Colour fastness to light: Daylight

AMENDMENT 1

Page 1, 4.1

4.1 Reference materials

After first sentence insert:

The relationship between references 1 to 8 and L2 to L9 as shown with the method are approximate. Results from testing which use reference standards from both sources should be compared only with the knowledge that fading characteristics may differ.

4.1.2

Insert the following at end of first paragraph of 4.1.2:

Data in annex B are presented to illustrate the relationship of each of the blue wool references on exposure to fixed amounts of radiant energy. A detailed summary of these test results is found in document reference number ISO/TC 38/SC 1/N 993.

Page 3, 4.2.1

4.2.1 Exposure rack

Delete “5,0 mm to 10,0 mm” in line 3 on page 3 and replace by “(3,5 ± 1) mm”.

Page 4

Delete 6.1.2 to 6.1.3 and replace by:

6.1.2 Arrange the specimen to be tested and the references as shown in figure 2 with an opaque cover AB across the middle one-third of the specimen and references. Expose to daylight under the conditions described in 4.2.1. Follow the effect of light by removing the cover AB and inspecting the specimen frequently until the contrast between the exposed and the unexposed portions of the specimen is equal to grey scale grade 4. Cover a second one-third of the specimen and references with an additional opaque cover (CD in figure 2). At this stage attention shall be given to the possibility of photochromism (see ISO 105-B05).

6.1.4 Renumber as 6.1.3.

6.1.5 Renumber as 6.1.4.