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**Conditioning of textiles and standard
temperate atmosphere for determining their
physical and mechanical properties**

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Table of changes

Change No.	Date	Scope

Foreword

This South African standard was prepared by National Committee SABS/TC 038/SC 01, *Textiles – Test methods for textiles*, in accordance with procedures of the South African Bureau of Standards, in compliance with annex 3 of the WTO/TBT agreement.

This edition cancels and replaces the first revision (SABS SM 70:1972).

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<p>Reaffirmed and reprinted in May 2018. This document will be reviewed every five years and be reaffirmed, amended, revised or withdrawn.</p>

Conditioning of textiles and standard temperate atmosphere for determining their physical and mechanical properties

1 Scope

This standard specifies a method for the conditioning of textile samples and specifies the standard temperate atmosphere for determining their physical and mechanical properties.

2 Normative reference

The following standard contains provisions which, through reference in this text, constitute provisions of this standard. All standards are subject to revision and, since any reference to a standard is deemed to be a reference to the latest edition of that standard, parties to agreements based on this standard are encouraged to take steps to ensure the use of the most recent edition of the standard indicated below. Information on currently valid national and international standards can be obtained from the South African Bureau of Standards.

SANS 10004, *Terms and definitions for textiles and textile merchandise.*

3 Principle

Textile samples are conditioned in an atmosphere of a specified humidity and a specified temperature.

4 Standard temperate atmosphere for testing

An atmosphere that has a relative humidity of $65 \% \pm 2 \%$ and a temperature of $20 \text{ }^\circ\text{C} \pm 2 \text{ }^\circ\text{C}$ at the prevailing barometric pressure.

5 Pre-conditioning

If pre-conditioning is required, dry the textile to substantially constant mass in an atmosphere that has a relative humidity between 10 % and 25 % and a temperature not exceeding 50 °C.