Second edition
2005-01-15

Textiles — Standard atmospheres for conditioning and testing

Textiles — Atmosphères normales de conditionnement et d'essai

Reference number
ISO 139:2005(E)

PDF disclaimer

This PDF file may contain embedded typefaces. In accordance with Adobe's licensing policy, this file may be printed or viewed but shall not be edited unless the typefaces which are embedded are licensed to and installed on the computer performing the editing. In downloading this file, parties accept therein the responsibility of not infringing Adobe's licensing policy. The ISO Central Secretariat accepts no liability in this area.

Adobe is a trademark of Adobe Systems Incorporated.

Details of the software products used to create this PDF file can be found in the General Info relative to the file; the PDF-creation parameters were optimized for printing. Every care has been taken to ensure that the file is suitable for use by ISO member bodies. In the unlikely event that a problem relating to it is found, please inform the Central Secretariat at the address given below.

ISO copyright office
Case postale 56 • CH-1211 Geneva 20
Tel. + 41 22 749 01 11
Fax + 41 22 749 09 47
E-mail copyright@iso.org
Web www.iso.org

Published in Switzerland

Contents

Page

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.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of technical committees is to prepare International Standards. 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.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

ISO 139 was prepared by Technical Committee ISO/TC 38, *Textiles*, Subcommittee SC 24, *Conditioning atmospheres and physical tests for textile fabrics*.

This second edition cancels and replaces the first edition (ISO 139:1973), which has been technically revised, specifically by including the allowances for the uncertainty of the measurement in the overall tolerances for temperature and relative humidity.

Introduction

The tolerances for temperature and relative humidity given in ISO 139:1973 were the tolerances for the temperature and relative humidity measured in the laboratory, and without any consideration for the uncertainty of measurement of the measuring devices being used.

With the increased understanding since 1973 and the existence now of standards covering these issues (e.g. ISO 14253-1), it is now necessary to allow for the uncertainty of measurement when setting appropriate tolerances.

This second edition of ISO 139 includes the allowance for uncertainty of measurement in the overall tolerances for temperature and relative humidity.

This means that although the tolerances for temperature and relative humidity appear more lenient than in ISO 139:1973, in practice, the laboratory must still be controlled (measured temperature and humidity) to essentially the same level as stated in ISO 139:1973.