

BS EN ISO 7231:2010



BSI Standards Publication

Polymeric materials, cellular, flexible — Determination of air flow value at constant pressure-drop (ISO 7231:2010)

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National foreword

This British Standard is the UK implementation of EN ISO 7231:2010. It supersedes BS EN ISO 7231:1998 which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee PRI/24, Testing of rigid and flexible cellular materials.

A list of organizations represented on this committee can be obtained on request to its secretary.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

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Compliance with a British Standard cannot confer immunity from legal obligations.

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Amendments issued since publication

Date	Text affected
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English Version

Polymeric materials, cellular, flexible - Determination of air flow
value at constant pressure-drop (ISO 7231:2010)

Matériaux polymères alvéolaires souples - Détermination
de l'indice d'écoulement d'air à chute de pression constant
(ISO 7231:2010)

Weich-elastische Polymerschäume - Bestimmung der
Luftdurchlässigkeit bei konstantem Druck (ISO 7231:2010)

This European Standard was approved by CEN on 2 June 2010.

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Foreword

This document (EN ISO 7231:2010) has been prepared by Technical Committee ISO/TC 45 “Rubber and rubber products” in collaboration with Technical Committee CEN/TC 249 “Plastics” the secretariat of which is held by NBN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by January 2011, and conflicting national standards shall be withdrawn at the latest by January 2011.

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

This document supersedes EN ISO 7231:1997.

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Endorsement notice

The text of ISO 7231:2010 has been approved by CEN as a EN ISO 7231:2010 without any modification.

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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.

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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.

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ISO 7231 was prepared by Technical Committee ISO/TC 45, *Rubber and rubber products*, Subcommittee SC 4, *Products (other than hoses)*.

This second edition cancels and replaces the first edition (ISO 7231:1984), which has been technically revised.

Major modifications in this revision are:

- a) the inclusion of a warning statement;
- b) the inclusion of a new method (method B) particularly suitable for materials with a low permeability to air;
- c) the inclusion of precision data for method B;
- d) the inclusion of an example showing how a computer-controlled apparatus could be used to carry out method B.