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## **Rubber, vulcanized or thermoplastic — Resistance to ozone cracking —**

### **Part 1: Static and dynamic strain testing**

*Caoutchouc vulcanisé ou thermoplastique — Résistance au craquelage  
par l'ozone — Partie 1: Essais sous allongement statique et dynamique*



Reference number  
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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.

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 1431-1 was prepared by Technical Committee ISO/TC 45, *Rubber and rubber products*, Subcommittee SC 2, *Testing and analysis*.

This fifth edition cancels and replaces the fourth edition (ISO 1431-1:2004), which has been technically revised, mainly by addition of a calibration schedule (Annex B) and an annex proposing a simple rating scale (Annex C).

It also incorporates the Amendment ISO 1431-1:2004/Amd.1:2009.

ISO 1431 consists of the following parts, under the general title *Rubber, vulcanized or thermoplastic — Resistance to ozone cracking*:

- *Part 1: Static and dynamic strain testing*
- *Part 3: Reference and alternative methods for determining the ozone concentration in laboratory test chambers*

Part 2 was combined with Part 1 at the previous revision of Part 1.