INTERNATIONAL

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Rubber compounding ingredients — Carbon black — Determination of specific surface area by nitrogen adsorption methods — Single-point procedures

Ingrédients de mélange du caoutchouc — Noir de carbone — Détermination de la surface spécifique par méthodes par adsorption d'azote — Modes opératoires à un point de mesure



Reference number ISO 4652:2012(E)

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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 4652 was prepared by Technical Committee ISO/TC 45, Rubber and rubber products, Subcommittee SC 3, Raw materials (including latex) for use in the rubber industry.

This second edition of ISO 4652 cancels and replaces ISO 4652-1:1994, which has been technically revised. The revision includes the following changes:

- The number of the standard has been changed from ISO 4652-1 to ISO 4652, since there were no other parts.
- The title has been modified accordingly.
- A statement has been added to the scope that the multipoint method specified in ISO 18852 is the preferred method.
- The normative references in Clause 2 have been updated.
- The Ni-Count-1 apparatus used in method A is no longer available from the manufacturer. However, it has been decided to keep method A for those still using this apparatus. A note has been added at the beginning of Clause 3 to explain this.