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**Rubber compounding ingredients —  
Carbon black — Determination of  
tinting strength**

*Ingrédients de mélange du caoutchouc — Noir de carbone —  
Détermination du pouvoir colorant*

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## Foreword

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The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see [www.iso.org/directives](http://www.iso.org/directives)).

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For an explanation on the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT) see the following URL: [www.iso.org/iso/foreword.html](http://www.iso.org/iso/foreword.html).

This document 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 fifth edition cancels and replaces the fourth edition (ISO 5435:2008), which has been technically revised.

The main changes compared to the previous edition are as follows:

- throughout the text, ITRB has been replaced by ITRB or ITRB-2, since both tint references are in use;
- [Clause 5](#) on reagents and its footnotes have been updated to reflect the materials which are currently available;
- a note has been added in [Clause 5](#) to encourage the use of the specified materials only;
- in [A.2.1](#) the type of materials used during the interlaboratory test programme (ITP) in 2005 has been added.