
**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*

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Foreword

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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 third edition cancels and replaces the second edition (ISO 4652:2012), which has been technically revised. The main changes compared to the previous edition are as follows:

- the former method A has been updated as an automatic volumetric method (method B);
- the former method B has been removed;
- the former methods C and D have been updated as an automatic gas chromatography method (method A);
- [4.4](#) has been clarified;
- [Annex B](#) on precision data has been added.

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