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Rubber and rubber products — Determination of the composition of vulcanizates and uncured compounds by thermogravimetry —

Part 1:

Butadiene, ethylene-propylene copolymer and terpolymer, isobutene- isoprene, isoprene and styrene- butadiene rubbers

*Caoutchouc et produits à base de caoutchouc — Détermination de
la composition des vulcanisats et des mélanges non vulcanisés par
thermogravimétrie —*

*Partie 1: Caoutchoucs butadiène, copolymères et terpolymères
éthylène-propylène, isobutène-isoprène, isoprène et butadiène-styrène*



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Foreword

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This document was prepared by ISO/TC 45, *Rubber and rubber products*, SC 2, *Testing and analysis*.

This fourth edition cancels and replaces the third edition (ISO 9924-1:2016), which has been technically revised:

The main changes are as follows:

- [Clause 3](#) is added;
- Added "If graphite is present" (see [4.3](#), [4.4](#)) to make the document more comprehensive;
- Modified the steps of heating rate (see [8.2.5](#) and [8.2.7](#)) to make the decomposition process of the sample more uniform;
- Modified the carbon black content part (see [9.2.3](#)). The modified expression is more reasonable and consistent with the "test procedure" clause;
- Modified the variables of formulae (see [9.1](#) and [9.3](#)) to be written using symbols instead of text.

A list of all parts in the ISO 9924 series can be found on the ISO website.

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