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## **Styrene-butadiene rubber (SBR) — Determination of the microstructure of solution-polymerized SBR —**

### **Part 1: <sup>1</sup>H-NMR and IR with cast-film method**

*Caoutchouc styrène-butadiène (SBR) — Détermination de la  
microstructure du SBR polymérisé en solution —*

*Partie 1: Méthode <sup>1</sup>H-NMR et IR avec film moulé*



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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)).

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. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see [www.iso.org/patents](http://www.iso.org/patents)).

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For an explanation on the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the WTO principles in the Technical Barriers to Trade (TBT) see the following URL: [Foreword - Supplementary information](#)

The committee responsible for this document is ISO/TC 45, *Rubber and rubber products*, Subcommittee SC 2, *Testing and analyses*.

This first edition of ISO 21561-1, together with ISO 21561-2, cancels and replaces ISO 21561:2005, which has been technically and nominally revised with the following changes:

- the descriptions of D's were modified in [4.6.2](#);
- some terms and expressions were revised to be aligned with those in the ISO 21561-2 to be (ATR method);
- it also incorporates the Amendment, ISO 21561:2005/Amd 1:2010.

ISO 21561 consists of the following parts, under the general title *Styrene-butadiene rubber (SBR)*:

- *Part 1: <sup>1</sup>H-NMR and IR with cast-film method*
- *Part 2: FTIR with ATR method*