

First edition
2003-04-15

AMENDMENT 1
2010-07-15

**Rubber — Analysis by pyrolytic gas-
chromatographic methods —**

Part 1:
**Identification of polymers (single
polymers and polymer blends)**

AMENDMENT 1

*Caoutchouc — Méthodes d'analyse par pyrolyse et chromatographie en
phase gazeuse —*

*Partie 1: Identification des polymères (un seul polymère ou un mélange
de polymères)*

AMENDEMENT 1



Reference number
ISO 7270-1:2003/Amd.1:2010(E)

© ISO 2010

PDF disclaimer

This PDF file may contain embedded typefaces. In accordance with Adobe's licensing policy, this file may be printed or viewed but shall not be edited unless the typefaces which are embedded are licensed to and installed on the computer performing the editing. In downloading this file, parties accept therein the responsibility of not infringing Adobe's licensing policy. The ISO Central Secretariat accepts no liability in this area.

Adobe is a trademark of Adobe Systems Incorporated.

Details of the software products used to create this PDF file can be found in the General Info relative to the file; the PDF-creation parameters were optimized for printing. Every care has been taken to ensure that the file is suitable for use by ISO member bodies. In the unlikely event that a problem relating to it is found, please inform the Central Secretariat at the address given below.

STANDARDSISO.COM : Click to view the full PDF of ISO 7270-1:2003/Amd 1:2010



COPYRIGHT PROTECTED DOCUMENT

© ISO 2010

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office
Case postale 56 • CH-1211 Geneva 20
Tel. + 41 22 749 01 11
Fax + 41 22 749 09 47
E-mail copyright@iso.org
Web www.iso.org

Published in Switzerland

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.

Amendment 1 to ISO 7270-1:2003 was prepared by Technical Committee ISO/TC 45, *Rubber and rubber products*, Subcommittee SC 2, *Testing and analysis*.

STANDARDSISO.COM : Click to view the full PDF of ISO 7270-1:2003/Amd 1:2010

Rubber — Analysis by pyrolytic gas-chromatographic methods —

Part 1: Identification of polymers (single polymers and polymer blends)

AMENDMENT 1

Page 13, Figure 6

In figure footnote “c”, replace “3-chloroprene” by “3-chloro-1-propene”.

Page 15, Figure 8

In figure footnote “a”, add “(butadiene)” after “1,84”.

Page 23, Table 3

In the last section of the table (concerning the temperature programme), add “then isothermal for 10 min at 280 °C” after “then 10 °C/min from 50 °C to 280 °C”.

Page 36, Table 4

Change the section of the table concerning the chromatographic conditions so that it reads as follows:

Chromatographic conditions	
Carrier gas	Helium
Injector temperature	250 °C
Type of detector	FID
Detector temperature	250 °C
Temperature programme	Isothermal for 2 min at 70 °C then 10 °C/min from 70 °C to 220 °C then isothermal for 30 min at 220 °C

Page 38, Figure 29

Move “(2-chloroprene)” from figure footnote “a” to figure footnote “b”.

Page 42, Table 5

Change the section of the table concerning the chromatographic conditions so that it reads as follows:

Chromatographic conditions	
Carrier gas	Nitrogen
Injector temperature	250 °C
Type of detector	FID
Detector temperature	250 °C
Temperature programme	Isothermal for 2 min at 50 °C then 10 °C/min from 50 °C to 200 °C then isothermal for 10 min at 200 °C

Page 50, Figure 40

In figure footnote "b", add "(dimer of isobutene)" after "10,98".

In figure footnote "c", replace "(dipentene)" by "(trimer of isobutene)".

STANDARDSISO.COM : Click to view the full PDF of ISO 7270-1:2003/Amd 1:2010