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**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**



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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*.

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# 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                                                                                                       |
| <b>Temperature programme</b> | Isothermal for 2 min at 70 °C<br>then 10 °C/min from 70 °C to 220 °C<br>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                                                                                                       |
| <b>Temperature programme</b> | Isothermal for 2 min at 50 °C<br>then 10 °C/min from 50 °C to 200 °C<br>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)".