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

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

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

ISO 7270-1:2003/Amd 1:2010

<https://standards.iteh.ai/en/standards/iso/7270-1-2003-7270-1-2003-amd-1-2010>
*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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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

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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”.

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Page 36, Table 4 <https://standards.iteh.ai/catalog/standards/sist/637c87c7-60c7-4c7d-b206-da70d0ff8196/iso-7270-1-2003-amd-1-2010>

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)”.

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