INTERNATIONAL STANDARD

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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
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Foreword

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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*.

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)”.

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