



MALAYSIAN STANDARD

MS ISO 248-1:2021

**Rubber, raw — Determination of volatile-matter content — Part 1: Hot-mill method and oven method
(ISO 248-1:2021, IDT)**

ICS: 83.040.10

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MS ISO 248-1:2021

Committee representation

The National Standards Committee on Rubber and Rubber Products (NSC 14) under whose authority this Malaysian Standard was developed, comprises representatives from the following organisations:

Department of Standards Malaysia (Secretariat)
Institute of Materials Malaysia
Malaysian Rubber Board
Malaysian Rubber Council
Malaysian Rubber Glove Manufacturers' Association
Malaysian Rubber Products Manufacturers Association
Ministry of Investment, Trade and Industry
Ministry of Plantation and Commodities
Plastics and Rubber Institute Malaysia
Universiti Kuala Lumpur
Universiti Sains Malaysia
Universiti Teknologi MARA

The Technical Committee on Raw Materials for Use in Rubber Industry (NSC 14/TC 4) which developed the adoption of the ISO Standard as Malaysian Standard consists of representatives from the following organisations:

Academy of Sciences Malaysia
Continental Tyre Technology Centre (M) Sdn Bhd
Department of Standards Malaysia (Secretariat)
Getahindus (M) Sdn Bhd
Kuala Lumpur Kepong Berhad
Malaysian Rubber Board (Unit Inovasi dan Teknologi Elastomer)
Malaysian Rubber Board (Unit Pembangunan dan Inovasi Bahan Termaju)
Malaysian Rubber Board (Unit Pembangunan Kaedah Ujian dan Standard)
Malaysian Rubber Products Manufacturers' Association
Malaysian Rubber Processor Association
MAPA Gloves Sdn Bhd
Mech Chem Laboratory Sdn Bhd
Scientica Solutions Sdn Bhd
Universiti Teknologi MARA

MS ISO 248-1:2021

National Foreword

The adoption of the ISO Standard as a Malaysian Standard was recommended by the Technical Committee on Raw Materials for Use in Rubber Industry (NSC 14/TC 4) under the authority of the National Standards Committee on Rubber and Rubber Products (NSC 14).

The second revision of MS ISO 248-1 cancels and replaces MS ISO 248-1:2015, Rubber, raw - Determination of volatile-matter content - Part 1: Hot-mill method and oven method (First revision) (ISO 248-1:2011, IDT)

This Malaysian Standard is identical with ISO 248-1:2014, Rubber, raw — Determination of volatile-matter content — Part 1: Hot-mill method and oven method, published by the International Organization for Standardization (ISO). However, for the purposes of this Malaysian Standard, the following apply:

- a) in the source text, “this International Standard” should read “this Malaysian Standard”;
- b) the comma which is used as a decimal sign (if any), to read as a point; and
- c) reference to International Standards should be replaced by corresponding Malaysian Standards as follows:

Referenced International Standards

ISO 1795, *Rubber, raw natural and raw synthetic — Sampling and further preparative procedures*

ISO 2393, *Rubber test mixes — Preparation, mixing and vulcanization — Equipment and procedures*

Corresponding Malaysian Standards

MS ISO 1795, *Rubber, raw natural and raw synthetic — Sampling and further preparative procedures*

MS ISO 2393, *Rubber test mixes - Preparation, mixing and vulcanization - Equipment and procedures*

Compliance with a Malaysian Standard does not of itself confer immunity from legal obligations.

NOTE IDT on the front cover indicates an identical standard i.e. a standard where the technical content, structure, and wording (or is an identical translation) of a Malaysian Standard is exactly the same as in an International Standard or is identical in technical content and structure although it may contain the minimal editorial changes specified in clause 4.2 of ISO/IEC Guide 21-1:2005.

**Rubber, raw — Determination of
volatile-matter content —**

**Part 1:
Hot-mill method and oven method**

Caoutchouc brut — Détermination des matières volatiles —

Partie 1: Méthode par mélangeage à chaud et méthode par étuvage

