MALAYSIAN STANDARD

MS ISO 123:2020

Rubber latex - Sampling (ISO 123:2001, IDT)

ICS: 83.040.10

Descriptors: natural rubber latex concentrate, sampling method, lot, test sample, sample preparation

DEPARTMENT OF STANDARDS MALAYSIA

DEVELOPMENT OF MALAYSIAN STANDARDS

The **Department of Standards Malaysia (Standards Malaysia)** is the national standards and accreditation body of Malaysia.

The main function of Standards Malaysia is to foster and promote standards, standardisation and accreditation as a means of advancing the national economy, promoting industrial efficiency and development, benefiting the health and safety of the public, protecting the consumers, facilitating domestic and international trade and furthering international cooperation in relation to standards and standardisation.

Malaysian Standards (MS) are developed through consensus by committees which comprise balanced representation of producers, users, consumers and others with relevant interests, as may be appropriate to the subject at hand. To the greatest extent possible, Malaysian Standards are aligned to or are adoption of international standards. Approval of a standard as a Malaysian Standard is governed by the Standards of Malaysia Act 1996 [Act 549]. Malaysian Standards are reviewed periodically. The use of Malaysian Standards is voluntary except in so far as they are made mandatory by regulatory authorities by means of regulations, local by-laws or any other similar ways.

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Committee representation

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

Department of Standards Malaysia (Secretariat)
Institute of Materials, Malaysia
Malaysian Rubber Board
Malaysian Rubber Export Promotion Council
Malaysian Rubber Glove Manufacturers' Association
Malaysian Rubber Products Manufacturers Association
Ministry of International Trade and Industries
Plastic Rubber Institute Malaysia
Universiti Kuala Lumpur
Universiti Sains Malaysia
Universiti Teknologi MARA

The Technical Committee on Raw Materials and Chemical Tests recommended the adoption of the ISO Standard as Malaysian Standard consists of representatives from the following organisations:

Continental Tyre Technology Centre (M) Sdn Bhd
Department of Standards Malaysia (Secretariat)
Getahindus (M) Sdn Bhd
Kuala Lumpur Kepong Bhd
MAPA Gloves Sdn Bhd
Malaysian Rubber Board
Malaysian SMR Rubber Processor Association
Mech Chem Laboratory Sdn Bhd
Plastic Rubber Institute Malaysia
Scientia Solution Sdn Bhd
Synthomer Sdn Bhd
Sime Darby Plantation Research Sdn Bhd
Universiti Teknologi MARA

National foreword

The adoption of the ISO Standard as a Malaysian Standard was recommended by the Technical Committee on Raw Materials and Chemical Tests under the authority of the National Standards Committee on Rubber and Rubber Products.

This Malaysian Standard is identical with ISO 123:2001, *Rubber latex - Sampling*, 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"; and

b) the comma which is used as a decimal sign (if any), to read as a point.

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.

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 3.

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 International Standard may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

International Standard ISO 123 was prepared by Technical Committee ISO/TC 45, *Rubber and rubber products*, Subcommittee SC 3, *Raw materials (including latex) for use in the rubber industry*.

This third edition cancels and replaces the second edition (ISO 123:1985), which has been technically revised. The principal differences lie in more precise definitions and specifications for the frequency of sampling. In addition, the method of homogenizing and sampling latex in drums fitted with bungs has been modified to take account of practical considerations.