



# MALAYSIAN STANDARD

MS ISO 37:2015

**Rubber, vulcanized or thermoplastic -  
Determination of tensile stress-strain  
properties  
(Second revision)  
(ISO 37:2011, IDT)**

**ICS: 83.060**

Descriptors: rubber, vulcanized, thermoplastic, tensile, stress-strain, test

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## Committee representation

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

Department of Standards Malaysia  
Institute of Materials Malaysia  
Malaysian Association of Standards Users  
Malaysian Rubber Board  
Malaysian Rubber Export Promotion Council  
Malaysian Rubber Glove Manufacturers' Association  
Malaysian Rubber Products Manufacturers' Association  
Ministry of International Trade and Industry  
SIRIM Berhad (Secretariat)  
The Plastics and Rubber Institute Malaysia  
Universiti Kuala Lumpur  
Universiti Selangor  
Universiti Teknologi MARA

The Technical Committee on Physical Tests which recommended the adoption of the ISO Standard as Malaysian Standard is managed by the Malaysian Rubber Board in its capacity as an authorised Standards-Writing Organisation and consists of representatives from the following organisations:

Linatex Rubber Sdn Bhd  
Malaysian Rubber Board (Secretariat)  
Sime Continental Sdn Bhd  
SIRIM Berhad  
The Plastics and Rubber Institute Malaysia  
Universiti Teknologi MARA

## National foreword

The adoption of the ISO Standard as a Malaysian Standard was recommended by the Technical Committee on Physical Tests under the authority of the Industry Standards Committee on Rubber and Rubber Products. Development of this standard was carried out by the Malaysian Rubber Board which is the Standards-Writing Organisation (SWO) appointed by SIRIM Berhad to develop standards for rubber and rubber products.

This Malaysian Standard is identical with ISO 37:2011, *Rubber, vulcanized or thermoplastic - Determination of tensile stress-strain properties*, 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:

<u>Referenced International Standards</u>	<u>Corresponding Malaysian Standards</u>
ISO 5893, <i>Rubber and plastics test equipment - Tensile, flexural and compression types (constant rate of traverse) - Specification</i>	MS ISO 5893, <i>Rubber and plastics test equipment - Tensile, flexural and compression types (constant rate of traverse) - Specification</i>
ISO 23529:2010, <i>Rubber - General procedures for preparing and conditioning test pieces for physical test methods</i>	MS ISO 23529:2011, <i>Rubber - General procedures for preparing and conditioning test pieces for physical test methods</i>

This Malaysian Standard cancels and replaces MS ISO 37:2009, *Rubber, vulcanized or thermoplastic - Determination of the tensile stress-strain properties (First revision)*.

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.