



MALAYSIAN STANDARD

MS ISO 132:2013

**Rubber, vulcanized or thermoplastic -
Determination of flex cracking and crack
growth (De Mattia)
(First revision)
(ISO 132:2011, IDT)**

ICS: 83.060

Descriptors: rubber, vulcanized, thermoplastic, determination, flex cracking, crack growth

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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 of 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)
The Plastics and Rubber Institute of Malaysia
Sime Continental Sdn Bhd
SIRIM Berhad
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 132:2011, *Rubber, vulcanized or thermoplastic - Determination of flex cracking and crack growth (De Mattia)*, 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 18899:2004, <i>Rubber - Guide to the calibration of test equipment</i>	MS ISO 18899:2008, <i>Rubber - Guide to the calibration of test equipment</i>
ISO 23529, <i>Rubber - General procedures for preparing and conditioning test pieces for physical test methods</i>	MS ISO 23529, <i>Rubber - General procedures for preparing and conditioning test pieces for physical test methods</i>

This Malaysian Standard cancels and replaces MS ISO 132:2002, *Rubber, vulcanized or thermoplastic - Determination of flex cracking and crack growth (De Mattia)*.

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.