



MALAYSIAN STANDARD

MS ISO 534:2007

PAPER AND BOARD – DETERMINATION OF THICKNESS, DENSITY AND SPECIFIC VOLUME (ISO 534:2005, IDT)

ISO 534:2005 is endorsed as Malaysian Standard with the reference number MS ISO 534:2007.

ICS: 85.060

Descriptors: specific volume, density, thickness, paper and board, determination

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DEPARTMENT OF STANDARDS MALAYSIA

DEVELOPMENT OF MALAYSIAN STANDARDS

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The main function of the Department 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.

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Committee representation

The Chemical and Materials Industry Standards Committee (ISC B) under whose authority this Malaysian Standard was adopted, comprises representatives from the following organisations:

Department of Mineral and Geoscience
Department of Standards Malaysia
Malaysian Association of Standard Users
Malaysian Ceramic Industry Group
Malaysian Institute of Chemistry
Malaysian Paint Manufacturers Association
Malaysian Pulp and Paper Manufacturers Association
Ministry of Agricultural and Agro-Based Industry (Department of Agricultural)
Ministry of Defence (Science and Technology Research Institute for Defence)
Ministry of International Trade and Industry
Ministry of Science, Technology and Innovation (Department of Chemistry, Malaysia)
Universiti Malaya
Universiti Sains Malaysia

The Technical Committee on Pulp, Paper and Board which recommends adoption of the ISO standard consists of representatives from the following organisations:

Forest Research Institute Malaysia
Genting Sanyen Industries Paper Sdn Bhd
Jabatan Kimia Malaysia
Malaysian Newsprint Industries Sdn Bhd
Malaysian Palm Oil Board
Malaysian Pulp and Paper Manufacturer's Association
Muda Paper Mill Sdn Bhd
Pascorp Paper Industries Sdn Bhd
Sabah Forest Industries Sdn Bhd
SIRIM Berhad (Secretariat)
Universiti Sains Malaysia

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NATIONAL FOREWORD

The adoption of the ISO standard as a Malaysian Standard was recommended by the Technical Committee on Pulp, Paper and Board under the authority of the Chemical and Materials Industry Standards Committee.

This Malaysian Standard is identical with ISO 534:2005, *Paper and board – Determination of thickness, density and specific volume*, 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 Standard should be replaced by equivalent Malaysian Standards as follows:

<u>Referenced International Standard</u>	<u>Corresponding Malaysian Standard</u>
ISO 186, <i>Paper and board – Sampling to determine average quality</i>	MS ISO 186, <i>Paper and board – Sampling to determine average quality</i>
ISO 187, <i>Paper, board and pulps – Standard atmosphere for conditioning and testing and procedure for monitoring the atmosphere and conditioning of samples</i>	MS ISO 187, <i>Paper, board and pulps – Standard atmosphere for conditioning and testing and procedure for monitoring the atmosphere and conditioning of samples</i>
ISO 536, <i>Paper and board – Determination of grammage</i>	MS ISO 536, <i>Paper and board – Determination of grammage</i>

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.