



MALAYSIAN STANDARD

MS ISO 176:2008

PLASTICS - DETERMINATION OF LOSS OF PLASTICIZERS - ACTIVATED CARBON METHOD (FIRST REVISION) (ISO 176:2005, IDT)

ISO 176:2005 is endorsed as Malaysian Standard with the reference number MS ISO 176:2008.

ICS: 83.080.01

Descriptors: plastics, test, quantitative, mass, plasticizers, activated carbon

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Committee representation

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

Department of Standards Malaysia
Federation of Malaysian Manufacturers
Jabatan Kerja Raya Malaysia
Malaysian Association of Standards Users
Malaysian Institute of Chemistry
Malaysian Petrochemical Association
Malaysian Plastics Manufacturers Association
Malaysian Rubber Board
Ministry of Domestic Trade and Consumers Affairs
Ministry of Health Malaysia
Ministry of International Trade and Industry Malaysia
Plastics and Rubber Institute of Malaysia
SIRIM Berhad (Advanced Polymer and Composites Programme)
SIRIM QAS International Sdn Bhd
The Institution of Engineers, Malaysia
Universiti Kebangsaan Malaysia
Universiti Sains Malaysia
Universiti Teknologi Malaysia

The Technical Committee on General Methods of Test for Plastics which recommends adoption of the ISO Standard consists of representatives from the following organisations:

Federation of Malaysian Manufacturers
IKRAM QA Services Sdn Bhd
Malaysian Institute of Chemistry
Polypropylene (M) Sdn Bhd
SIRIM Berhad (Advanced Polymer and Composites Programme)
SIRIM Berhad (Secretariat)
Universiti Kebangsaan Malaysia
Universiti Teknologi Malaysia
Universiti Teknologi MARA

NATIONAL FOREWORD

The adoption of the ISO Standard as a Malaysian Standard was recommended by the Technical Committee on General Methods of Test for Plastics under the authority of the Plastics and Plastics Products Industry Standards Committee.

This Malaysian Standard is the first revision of MS ISO 176.

This Malaysian Standard is identical with ISO 176:2005, *Plastics - Determination of loss of plasticizers - Activated carbon 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 Standard should be replaced by equivalent Malaysian Standard as follows:

<u>Referenced International Standard</u>	<u>Corresponding Malaysian Standard</u>
ISO 291, <i>Plastics - Standard atmospheres for conditioning and testing</i>	MS ISO 291, <i>Plastics - Standard atmospheres for conditioning and testing</i>

This Malaysian Standard cancels and replaces MS ISO 176:2001, *Plastics - Determination of loss of plasticizers - Activated carbon method*.

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, wording (or is and 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.