



MALAYSIAN STANDARD

MS ISO 177 : 2001
(CONFIRMED:2008)



PLASTICS – DETERMINATION OF MIGRATION OF PLASTICIZERS (ISO 177 : 1988, IDT)

ICS : 83.080.01

Descriptors : plastics, tests, measurement, migration, plasticizers

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Committee representation

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

Department of Standards Malaysia
Federation of Malaysian Consumers Associations
Federation of Malaysian Manufacturers
Institut Kimia Malaysia
Jabatan Kerja Raya
Kementerian Kesihatan Malaysia
Lembaga Getah Malaysia
Malaysian Industrial Development Authority
Malaysian Plastics Manufacturers Association
Plastics and Rubber Institute of Malaysia
SIRIM Berhad (Plastics Technology Centre)
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 developed this Malaysian Standard consists of representatives from the following organisations:

Azman Hamzah Plastik Sdn. Bhd.
Federation of Malaysian Manufacturers
Hicom Teck See Manufacturing (M) Sdn. Bhd.
Institut Kimia Malaysia
Kumpulan IKRAM Sdn. Bhd.
Polypropylene (M) Sdn. Bhd.
SIRIM Berhad (Plastics Technology Centre)
SIRIM Berhad (Secretariat)
Universiti Teknologi Malaysia
Unuversiti Kebangsaan Malaysia
Universiti Teknologi MARA
Usra Tampi (M) Sdn. Bhd

NATIONAL FOREWORD

This Malaysian Standard was developed 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 identical with ISO 177 : 1988 'Plastics – Determination of migration of plasticizers', published by the International Organization for Standardization (ISO), which has the same title. The text of the International Standard is recommended for publication as a Malaysian Standard without deviation. However, for the purpose 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 full point.

References to International Standards should be replaced by equivalent Malaysian Standards as follows:

<u>Referenced International Standards</u>	<u>Corresponding Malaysian Standards</u>
ISO 291 : 1977, Plastics – Standard atmospheres for conditioning and testing.	MS ISO 291 : 2000, Plastics – Standard atmospheres for conditioning and testing.
ISO 293 : 1986, Plastics – Compression moulding test specimens of thermoplastic materials.	MS 1334 : 1993, Method of test for plastics – Compression moulding test specimens of thermoplastic materials.
ISO 294 : 1975, Plastics – Injection moulding of test specimens of thermoplastic materials.	MS 1335 : 1993, Method of test for plastics – Injection moulding of test specimens of thermoplastic materials.

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 and presentation of a Malaysian Standard is exactly the same as in an International Standard or is identical in technical content and it may contain the minimal editorial changes specified in clause 4.2 of ISO/IEC Guide 21.