

MALAYSIAN STANDARD

MS ISO 75-2:2007

PLASTICS – DETERMINATION OF TEMPERATURE OF DEFLECTION UNDER LOAD – PART 2: PLASTICS AND EBONITE (FIRST REVISION) (ISO 75-2:2004, IDT)

ISO 75-2:2004 is endorsed as Malaysian Standard with the reference number MS ISO 75-2:2007.

ICS: 83.080.10

Descriptors: plastics, ebonite, test, deflection, temperature, constant flexural stress, three-point loading

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Committee representation

Department of Standards Malaysia

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

Federation of Malaysian Manufacturers 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 Public Works Department 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 Research Centre 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 75-2.

This Malaysian Standard is identical with ISO 75-2:2004, *Plastics – Determination of temperature of deflection under load – Part 2: Plastics and ebonite,* 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(s) to International Standards should be replaced by equivalent Malaysian Standards as follows:

| Referenced International Standards | Corresponding Malaysian Standards |
|--|---|
| ISO 75-1:2004, Plastics – Determination of temperature of deflection under load – Part 1: General test method | MS ISO 75-1, Plastics – Determination of temperature of deflection under load – Part 1: General test method |
| ISO 293, Plastics – Compression moulding test specimens of thermoplastic materials | MS ISO 293, Plastics – Compression moulding test specimens of thermoplastic materials |
| ISO 294-1, Plastics – Injection moulding of test specimens of thermoplastic materials – Part 1: General principles, and moulding of multipurpose and bar test specimens | MS ISO 294-1, Plastics – Injection moulding of test specimens of thermoplastic materials – Part 1: General principles, and moulding of multipurpose and bar test specimens |
| ISO 2818, Plastics – Preparation of test specimens by machining | MS ISO 2818, Plastics – Preparation of test specimens by machining |
| ISO 3167, Plastics – Multipurpose test specimens | MS ISO 3167, Plastics – Multipurpose test specimens |

This Malaysian Standard cancels and replaces MS ISO 75-2:1999, *Plastics – Determination of temperature of deflection under load – Part 2: Plastics and ebonite.*

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.

INTERNATIONAL STANDARD

ISO 75-2

Second edition 2004-05-15

Plastics — Determination of temperature of deflection under load —

Part 2:

Plastics and ebonite

Plastiques — Détermination de la température de fléchissement sous charge —

Partie 2: Plastiques et ébonite



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