INTERNATIONAL STANDARD

ISO 10724-2

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Plastics — Injection moulding of test specimens of thermosetting powder moulding compounds (PMCs) —

Part 2:
Small plates

Plastiques — Moulage par injection d'éprouvettes en compositions de poudre à mouler (PMC) thermodurcissables —

Partie 2: Petites plaques

Reference number
ISO 10724-2:1998(E)

Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

International Standard ISO 10724-2 was prepared by Technical Committee ISO/TC 61, *Plastics*, Subcommittee SC 12, *Thermosetting materials*.

Together with part 1, this part of ISO 10724 cancels and replaces ISO 10724:1994, which has been revised to improve the definition of the injection-moulding parameters and has been restructured to specify two types of ISO mould for the production of the basic specimen types required for the acquisition of comparable test data.

Care has been taken to ensure that the ISO moulds described can all be fitted in existing injection-moulding equipment and have interchangeable cavity plates.

As far as possible, the wording of this part of ISO 10724 and its definitions corresponds to that in its counterpart for thermoplastic materials, ISO 294:1996, *Plastics — Injection moulding of test specimens of thermoplastic materials*. Unlike the latter, however, there is no need for the separate moulding of rectangular bars (80 mm $\times$ 10 mm $\times$ 4 mm, which should be taken from the central portion of the multipurpose test specimen) and the moulding of small tensile bars ($\geqslant$ 60 mm $\times$ 10 mm $\times$ 3 mm). Therefore the type B and type C ISO moulds specified in ISO 294 were not included in this part of ISO 10724. Regardless of this, and to avoid confusion, the designation of the different mould types in this part of ISO 10724 and in ISO 294 correspond to each other.

ISO 10724 consists of the following parts, under the general title *Plastics — Injection moulding of test specimens of thermosetting powder moulding compounds (PMCs):*

— *Part 1: General principles and moulding of multipurpose test specimens*

— *Part 2: Small plates*

Annexes A to D of this part of ISO 10724 are for information only.

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