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Binders for paints and varnishes — Determination of softening point —

Part 1: Ring-and-ball method

Liants pour peintures et vernis — Détermination du point de ramollissement —

Partie 1: Méthode de l'anneau et de la bille



Reference number
ISO 4625-1:2004(E)

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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.

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The main task of technical committees is to prepare International Standards. 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.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

ISO 4625-1 was prepared by Technical Committee ISO/TC 35, *Paints and varnishes*, Subcommittee SC 10, *Test methods for binders for paints and varnishes*.

It cancels and replaces ISO 4625:1980, which has been technically and editorially revised to harmonize it with ASTM E 28-99, *Standard Test Methods for Softening Point of Resins Derived from Naval Stores by Ring-and-Ball Apparatus*. The main changes are the introduction of an automated procedure and the splitting of the softening point values into four ranges: less than 35 °C, 35 °C to less than 80 °C, 80 °C to 150 °C and greater than 150 °C. The moulding method for the preparation of test pieces has been deleted.

ISO 4625 consists of the following parts, under the general title *Binders for paints and varnishes — Determination of softening point*:

- *Part 1: Ring-and-ball method*
- *Part 2: Cup-and-ball method*