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Second edition  
2021-06

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## Coating powders —

Part 6:

### Determination of gel time of thermosetting coating powders at a given temperature

*Poudres pour revêtement —*

*Partie 6: Détermination du temps de gélification à une température  
donnée de poudres thermodurcissables*



Reference number  
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## Foreword

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The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see [www.iso.org/directives](http://www.iso.org/directives)).

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This document was prepared by Technical Committee ISO/TC 35, *Paints and varnishes*, Subcommittee SC 9, *General test methods for paints and varnishes*, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 139, *Paints and varnishes*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This second edition cancels and replaces the first edition (ISO 8130-6:1992), which has been technically revised. It also incorporates the Amendment ISO 8130-6:1992/Amd.1:1998. The main changes compared to the previous edition are as follows:

- the use of a release agent has been deleted;
- a flat heating block without a spherical depression has been added as a second option;
- the duplicate determination has been changed to single determination;
- a comment on measurement of coating powders with ultra-short gel times (less than 15 s) has been added to [Clause 1](#);
- the previous repeatability data have been deleted because they need to be validated;
- the text has been editorially revised and the normative references have been updated.

A list of all parts in the ISO 8130 series can be found on the ISO website.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at [www.iso.org/members.html](http://www.iso.org/members.html).