
**Plastics — Determination of dynamic
mechanical properties —**

**Part 11:
Glass transition temperature**

*Plastiques — Détermination des propriétés mécaniques
dynamiques —*

Partie 11: Température de transition vitreuse

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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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This document was prepared by Technical Committee ISO/TC 61, *Plastics*, Subcommittee SC 5, *Physical-chemical properties*.

This second edition cancels and replaces the first edition (ISO 6721-11:2012), which has been technically revised. The main changes compared to the previous edition are as follows:

- the scope has been revised to specify suitable materials more accurately;
- definitions of specific points in DMA curves have been extended;
- reference to quality assurance purposes have been deleted;
- several methods have been introduced for evaluation of the glass transition temperature;
- the procedure for determination of heat dependent results has been revised;
- curves of storage modulus, loss modulus and loss factor have been added to the test report;
- the temperature calibration procedure has been revised;
- additional temperature reference specimen for different loading modes has been introduced.

A list of all parts in the ISO 6721 series can be found on the ISO website.

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