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ISO 7884-8:1987 Glass - Viscosity and viscometric fixed points - Part 8: Determination of (dilatometric) transformation temperature

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Abbreviation

ISO 7884-8:1987

Valid from

26/11/1987

Information provider

International Organisation for Standardization

Author

International Organisation for Standardization

Information type

ISO Standard

Format

PDF

Cited By

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Description

The temperature characterizes a certain glass transition range from the elastic brittle (low temperature) state to the viscous (high temperature) state of glass. It is used for specifying cooling programmes. The transformation temperature is determined by measuring the change in length, related to the length at initial temperature, of a rod made from the glass under test with temperature. The relative change in length is plotted against the temperature (dilatometer curve). From this

dilatometer curve the transformation temperature is determined by a graphic procedure as shown in a diagramm.

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