

Plastics — Differential scanning calorimetry (DSC) —

Part 5: Determination of characteristic reaction-curve temperatures and times, enthalpy of reaction and degree of conversion

ICS 83.080.01; 17.200.10

National foreword

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The UK participation in its preparation was entrusted to Technical Committee PRI/21, Plastics test methods, which has the responsibility to:

- aid enquirers to understand the text;
- present to the responsible international/European committee any enquiries on the interpretation, or proposals for change, and keep the UK interests informed;
- monitor related international and European developments and promulgate them in the UK.

A list of organizations represented on this committee can be obtained on request to its secretary.

Cross-references

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Summary of pages

This document comprises a front cover, an inside front cover, the ISO title page, pages ii to iv, pages 1 to 10, an inside back cover and a back cover.

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**Plastics — Differential scanning calorimetry
(DSC) —**

Part 5:

**Determination of characteristic reaction-
curve temperatures and times, enthalpy of
reaction and degree of conversion**

Plastiques — Analyse calorimétrique différentielle (DSC) —

*Partie 5: Détermination des températures et temps caractéristiques de la
courbe de réaction, de l'enthalpie de réaction et du degré de transformation*



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Contents

Page

Foreword.....	iv
1 Scope	1
2 Normative references	1
3 Definitions	1
4 Principle.....	2
5 Apparatus and materials.....	2
6 Test specimens	2
7 Test conditions and specimen conditioning	2
8 Calibration	2
9 Procedure	2
9.1 General.....	2
9.2 Temperature-scanning method	2
9.3 Isothermal method.....	3
10 Expression of results	4
10.1 Determination of characteristic temperatures and enthalpy of reaction (temperature-scanning method).....	4
10.2 Determination of characteristic times and enthalpy of reaction (isothermal method).....	4
10.3 Determination of degree of conversion.....	5
11 Precision.....	8
12 Test report	8

Foreword

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Attention is drawn to the possibility that some of the elements of this part of ISO 11357 may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

International Standard ISO 11357-5 was prepared by Technical Committee ISO/TC 61, *Plastics*, Subcommittee SC 5, *Physical-chemical properties*.

ISO 11357 consists of the following parts, under the general title *Plastics — Differential scanning calorimetry (DSC)*:

- *Part 1: General principles*
- *Part 2: Determination of glass transition temperature*
- *Part 3: Determination of temperature and enthalpy of melting and crystallization*
- *Part 4: Determination of specific heat capacity*
- *Part 5: Determination of characteristic reaction-curve temperatures and times, enthalpy of reaction and degree of conversion*
- *Part 6: Determination of oxidation induction time*
- *Part 7: Determination of crystallization kinetics*
- *Part 8: Determination of amount of water absorbed*