ISO 11357-5:1999-12 (E)

Plastics - Differential scanning calorimetry (DSC) - Part 5: Determination of characteristic reaction-curv e temperatures and times, enthalpy of reaction and degree of conversion

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