ISO 75-1:2013-04 (E)

Plastics - Determination of temperature of deflection under load - Part 1: General test method

Contents

Page

Foreword iv

Introduction v

1 Scope 1

2 Normative references 1

3 Terms and definitions 1

4 Principle 2

5 Apparatus 3
5.1 Means of producing a flexural stress 3
5.2 Heating equipment 3
5.3 Weights 5
5.4 Temperature-measuring instrument 5
5.5 Deflection-measuring instrument 5
5.6 Micrometers and gauges 5

6 Test specimens 6
6.1 General 6
6.2 Shape and dimensions 6
6.3 Specimen inspection 6
6.4 Number of test specimens 6

7 Conditioning 6

8 Procedure 7
8.1 Calculation of force to be applied 7
8.2 Initial temperature of the heating equipment 8
8.3 Measurement 8

9 Expression of results 9

10 Precision 9

11 Test report 9