

ISO 75-1:2020-02 (E)

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

Contents	Page
Foreword	iv
1 Scope	1
2 Normative references	1
3 Terms and definitions	2
4 Principle	3
5 Apparatus	3
5.1 Means of producing a flexural stress	3
5.2 Heating equipment	4
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 Conducting the test	8
9 Expression of results	8
10 Precision	9
11 Test report	9
Bibliography	10