ISO 16012:2015-03 (E)

Plastics - Determination of linear dimensions of test specimens

Contents

Page

Foreword iv

1 Scope 1

2 Normative references 1

3 Termsanddefinitions 1

4 Measuring equipment 2
4.1 General 2
4.2 Micrometers 2
4.3 Vernier callipers 2
4.4 Dead-weight dial gauge micrometers and electronic digital indicator gauges 2
4.5 Non-contact devices and other alternative devices 3

5 Procedure 3
5.1 General 3
5.2 Accuracy requirements 4
5.3 Number and location of measurement points 4
5.4 Calibration of equipment 4
5.5 Measuring with a micrometer 4
5.6 Measuring with vernier callipers 5
5.7 Measuring with a dead-weight dial gauge micrometer or electronic indicator 5
5.8 Measuring with non-contact devices 5

6 Test report 5

Annex A (informative) Possible types of contact face for dead-weight gauge micrometers 7

Annex B (informative) Measurement of injection moulded specimens 8

Bibliography 9