ISO 23529:2010-10 (E)

Rubber - General procedures for preparing and conditioning test pieces for physical test methods

Contents

Page

Foreword iv

1 Scope 1

2 Identification and record keeping 1

3 Standard laboratory conditions 2
3.1 Standard laboratory temperature 2
3.2 Standard laboratory humidity 2
3.3 Other conditions 2

4 Storage of samples and test pieces 2

5 Preparation of test pieces 3
5.1 Test piece thickness 3
5.2 Thickness adjustment 3
5.3 Test piece cutters 5
5.4 Maintenance of cutters 6
5.5 Preparation of test pieces by moulding 6

6 Conditioning 7
6.1 General 7
6.2 Conditioning times for subnormal or elevated temperatures 7

7 Measurement of the dimensions of test pieces 7
7.1 Method A -- For dimensions less than 30 mm 7
7.2 Method B -- For dimensions of 30 mm and up to and including 100 mm 8
7.3 Method C -- For dimensions over 100 mm 8
7.4 Method D -- Non-contact method 8

8 Conditions of test 9
8.1 Duration of test 9
8.2 Temperature and humidity 9

9 Test chambers 10
9.1 General requirements for temperature-controlled chambers 10
9.2 Chambers operating at elevated temperatures 11
9.3 Chambers operating at subnormal temperatures 11

10 Test report 12

Annex A (normative) Conditioning times for rubber test pieces 13

Bibliography 16