ISO 4666-3:2010-10 (E)

Rubber, vulcanized - Determination of temperature rise and resistance to fatigue in flexometer testing - Part 3: Compression flexometer (constant-strain type)

Contents

Page

Foreword iv

Introduction v

1 Scope 1

2 Normative references 1

3 Terms and definitions 2

4 Principle 2

5 Apparatus 2
5.1 Flexometer 2
5.2 Measuring gauge 4
5.3 Timer 4

6 Calibration 5

7 Test piece 5

8 Test conditions 5

9 Procedure 6
9.1 Preparation of flexometer 6
9.2 Test procedure 6

10 Expression of results 8
10.1 Temperature rise 8
10.2 Creep 8
10.3 Compression set 8
10.4 Fatigue life 9

11 Test report 9

Annex A (informative) Precision 10

Annex B (informative) Guidance for using precision results 12

Annex C (normative) Calibration schedule 13

Bibliography 15