ISO 8013:2019 (E)

Rubber, vulcanized — Determination of creep in compression or shear

Contents

Foreword

Introduction

1 Scope

2 Normative references

3 Terms and definitions

4 Apparatus

- 4.1 Thickness-measuring device
- 4.2 Compression device for measurement in compression
- 4.3 Shear device for measurements in shear
- 4.4 Temperature-controlled chamber
- 4.5 Timer

5 Calibration

6 Test piece

- 6.1 Test piece for measurements in compression
- 6.2 Test piece for measurements in shear
- 6.3 Number

7 Time-lapse between vulcanization and testing

8 Mechanical conditioning

9 Test temperature

10 Procedure

- 10.1 Testing
- 10.2 Duration of test

11 Calculation of results

- 11.1 Creep increment
- 11.1.1 In compression
- 11.1.2 In shear
- 11.2 Creep index
- 11.2.1 In compression
- 11.2.2 In shear
- 11.3 Compliance increment
- 11.3.1 In compression
- 11.3.2 In shear

12 Expression of results

13 Test report

Annex A (informative) Values of forces required for rubbers of different hardnesses

- A.1 In compression
- A.2 In shear

Annex B (normative) Calibration schedule

B.1 Inspection
B.2 Schedule

Page count: 19