DIN ISO 815-2:2022-04 (E)

Rubber, vulcanized or thermoplastic - Determination of compression set - Part 2: At low temperatures (ISO 815-2:2019)

Contents

Page

National foreword ... **3**

National Annex NA (informative) **Bibliography** ... **4**

Foreword ... **5**

Introduction ... **6**

1 Scope ... **7**

2 Normative references ... **7**

3 Terms and definitions ... **7**

4 Principle ... **8**
4.1 Method 1 ... 8
4.2 Method 2 ... 8

5 Apparatus for low temperature tests ... **8**
5.1 Method 1 ... 8
5.2 Method 2 ... 11

6 Calibration ... **14**

7 Test pieces ... **14**
7.1 Dimensions ... 14
7.2 Preparation ... 15
7.3 Number of test pieces ... 15
7.4 Time interval between production and testing ... 15
7.5 Conditioning ... 15

8 Test conditions ... **16**
8.1 Duration of test ... 16
8.2 Temperature of test ... 16

9 Procedure ... **16**
9.1 Method 1 ... 16
9.1.1 Preparation of compression apparatus ... 16
9.1.2 Thickness measurement ... 16
9.1.3 Applying the compression ... 16
9.1.4 Starting the test ... 16
9.1.5 Terminating the test ... 16
9.1.6 Internal examination ... 17
9.2 Method 2 ... 17
9.2.1 Preparation of compression apparatus ... 17
9.2.2 Thickness measurement ... 17
9.2.3 Applying the compression ... 17
9.2.4 Starting the test ... 17
9.2.5 Terminating the test ... 17
9.2.6 Measurements ... 17
9.2.7 Internal examination ... 18

10 Expression of results ... **18**

11 Precision ... **18**

12 Test report ... **18**

Annex A (normative) **Calibration schedule** ... **20**

Annex B (informative) **Precision** ... **24**

Bibliography ... **26**