DIN ISO 815-1:2022-04 (E)

Rubber, vulcanized or thermoplastic - Determ ination of compression set - Part 1: At ambient or elevated temperatures (ISO 81 5-1:2019)

Contents

Page

National foreword ... **3**

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

Foreword ... **5**

1 Scope ... **6**

2 Normative references ... **6**

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

4 Principle ... **7**

5 Apparatus ... **7**

6 Calibration ... **9**

7 Test pieces ... **9**
7.1 Dimensions ... 9
7.2 Preparation ... 10
7.3 Number of test pieces ... 10
7.4 Time interval between production and testing ... 10
7.5 Conditioning ... 10

8 Test conditions ... **11**
8.1 Duration of test ... 11
8.2 Temperature of test ... 11

9 Procedure ... **11**
9.1 Preparation of compression assembly ... 11
9.2 Thickness measurement ... 11
9.3 Applying the compression ... 11
9.4 Starting the test ... 12
9.5 Terminating the test ... 12
9.5.1 At ambient temperature ... 12
9.5.2 At elevated temperature ... 12
9.6 Internal examination ... 12

10 Expression of results ... **12**

11 Precision ... **13**

12 Test report ... **13**

Annex A (informative) **Precision** ... **14**

Annex B (normative) **Calibration schedule** ... **17**

Bibliography ... **19**