

DIN ISO 7743:2016-08 (E)

Rubber, vulcanized or thermoplastic - Determination of compression stress-strain properties (ISO 7743:2011)

Contents	Page
National foreword	3
Introduction	5
1 Scope	6
2 Normative references	7
3 Terms and definitions	7
4 Principle	7
5 Apparatus and materials	7
6 Calibration	8
7 Test pieces	8
8 Number of test pieces	9
9 Time-lapse between vulcanization and testing	9
10 Conditioning	9
11 Temperature of test	10
12 Procedure	10
12.1 Measurement of test pieces	10
12.2 Determination of stress-strain properties	10
13 Expression of results	11
13.1 For methods A, B and C	11
13.2 For method D	12
14 Test report	13
15 Precision for methods A and D	13
Annex A (informative) Influence of test piece geometry	14
Annex B (informative) Extrapolation of results to non-standard test pieces	18
Annex C (normative) Calibration schedule	21
Annex D (informative) Precision for methods A and D	23
Bibliography	26
National Annex NA (informative) Bibliography	4