ISO 1432:2013-01 (E)

Rubber, vulcanized or thermoplastic - Determination of low-temperature stiffening (Gehman test)

Contents

Page

Foreword iv

1 Scope 1

2 Normative references 1

3 Principle 1

4 Apparatus 1

5 Calibration 3

6 Test piece 3
6.1 Preparation of test piece 3
6.2 Conditioning of test piece 3

7 Procedure 4
7.1 Mounting of test piece 4
7.2 Stiffness measurements in liquid media 4
7.3 Stiffness measurements in gaseous media 4
7.4 Crystallization 5

8 Number of tests 5

9 Expression of results 5
9.1 Torsional modulus 5
9.2 Relative modulus 5
9.3 Apparent torsional modulus of rigidity 5

10 Test report 6

Annex A (normative) Calibration schedule 9

Bibliography 12