ISO 289-1:2015-09 (E)

Rubber, unvulcanized - Determinations using a shearing-disc viscometer - Part 1: Determination of Mooney viscosity

Contents

Page

Foreword iv

1 Scope 1

2 Normative references 1

3 Principle 1

4 Apparatus 1
4.1 Typical shearing-disc viscometer 1
4.2 Dies 2
4.3 Rotor 2
4.4 Heating device 2
4.5 Temperature-measurement system 5
4.6 Die-closure system 5
4.7 Torque-measurement device and calibration of the device 6

5 Preparation of test piece 7

6 Temperature and duration of test 7

7 Procedure 7

8 Expression of results 8

9 Precision 8

10 Test report 8

Annex A (informative) Precision statement 10

Annex B (informative) Heat-stable film for Mooney viscosity measurements 13

Annex C (normative) Calibration schedule 16