ISO 34-1:2022-06 (E)

Rubber, vulcanized or thermoplastic - Determination of tear strength - Part 1: Trouser, angle and crescent test pieces

Contents

Page

Foreword iv

1 Scope 1

2 Normative references 1

3 Termsanddefinitions 2

4 Principle 2
4.1 General 2
4.2 Method A: Method to determine trouser tear strength 2
4.3 Method B, procedure (a): Method to determine unnicked angle tear strength 3
4.4 Method B, procedure (b): Method to determine nicked angle tear strength 3
4.5 Method C: Method to determine crescent tear strength 3

5 Apparatus 3
5.1 Dies 3
5.2 Nick cutter 5
5.3 Thickness gauge 6
5.4 Testing machine 6
5.5 Grips 6

6 Calibration 6

7 Test piece 7

8 Number of test pieces 7

9 Temperature of test 7

10 Procedure 8

11 Expression of results 8

12 Precision 8

13 Test report 8

Annex A (informative) Precision results from an interlaboratory test programme 10

Annex B (normative) Calibration schedule 13

Bibliography 15