

DIN ISO 34-1:2024-12 (E)

Rubber, vulcanized or thermoplastic - Determination of tear strength - Part 1: Trouser, angle and crescent test pieces (ISO 34-1:2022)

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
4.1 General.....	7
4.2 Method A: Method to determine trouser tear strength.....	7
4.3 Method B, procedure (a): Method to determine unnicked angle tear strength.....	8
4.4 Method B, procedure (b): Method to determine nicked angle tear strength.....	8
4.5 Method C: Method to determine crescent tear strength.....	8
5 Apparatus	8
5.1 Dies.....	8
5.2 Nick cutter.....	10
5.3 Thickness gauge.....	11
5.4 Testing machine.....	11
5.5 Grips.....	11
6 Calibration	11
7 Test piece	12
8 Number of test pieces	12
9 Temperature of test	12
10 Procedure	13
11 Expression of results	13
12 Precision	13
13 Test report	13
Annex A (informative) Precision results from an interlaboratory test programme.....	15
Annex B (normative) Calibration schedule.....	18
Bibliography.....	20