DIN 22102-2:2020-12 (E)

Conveyor belts with textile plies for bulk goods - Part 2: Testing

Contents

Page

Foreword ... 3

1 Scope ... 5

2 Normative references ... 5

3 Terms and definitions ... 5

4 Testing ... 6
4.1 Test atmosphere ... 6
4.2 Number of test pieces, number of samples, evaluation ... 6
4.3 Width of conveyor belt ... 6
4.4 Length of conveyor belt ... 6
4.4.1 General ... 6
4.4.2 Endless belts ... 7
4.4.3 Open belts ... 7
4.5 Thickness of conveyor belt ... 7
4.6 Cover thickness, intermediate layer thickness ... 7
4.7 Elongation with static loading under the reference load, breaking load ... 7
4.8 Resistance to separation ... 7
4.9 Covers ... 7
4.9.1 Tensile strength at break and elongation at break ... 7
4.9.2 Abrasive wear ... 7
4.9.3 Ageing ... 7
4.10 Electrical and flammability safety requirements ... 8
4.11 Troughability ... 8

Bibliography ... 9

Tables

Table 1 — Number of test pieces ... 6