ISO 6941:2026-05 (E)

Textile fabrics - Burning behaviour - Measurement of flame spread properties of vertically oriented specimens

Contents

Page

Foreword iv

Introduction v

1 Scope 1

2 Normative references 1

3 Terms and definitions 1

4 Principle 1

5 Apparatus 2
5.6 Timing device 2

6 Precautions 4
6.1 Construction of testing equipment 4
6.2 Location of test apparatus 5
6.3 Health and safety of operators 5

7 Sampling 5
7.1 Number of test specimens 5
7.2 Test specimen holder pin location marks 5
7.3 Test specimen size 5

8 Conditioning and testing atmosphere 5
8.1 Conditioning 5
8.2 Testing atmosphere 6

9 Setting up the apparatus 6
9.1 Procedures A (Surface ignition) 6
9.1.1 Mounting of the test specimen 6
9.1.2 Operating position of the burner 6
9.1.3 Flame adjustment -- Horizontal reach 6
9.1.4 Flame position 6
9.2 Procedure B (Bottom edge ignition) 6
9.2.1 Mounting of the test specimen 6
9.2.2 Operating position of the burner 6
9.2.3 Flame adjustment -- Vertical flame height 7
9.2.4 Flame position 7

10 Test procedure 8
10.1 Surface ignition 8
10.2 Bottom edge ignition 9

11 Precision 9

12 Test report 10

Annex A (normative) Description and construction of the burner 11

Annex B (informative) Experimental techniques 12

Bibliography 13