ISO 16502-1:2024-05 (E)

Furniture - Assessment of the ignitability of mattresses and upholstered bed bases - Part 1: Ignition source: smouldering cigarette

Contents

Page

Foreword iv

Introduction v

1 Scope 1

2 Normative references 1

3 Termsanddefinitions 1

4 Criteria of ignition 2
4.1 Progressive smouldering ignition 2
4.2 Flaming ignition 2

5 Principle 2

6 Instructions for use 2
6.1 General 2
6.2 Enclosure 2
6.3 Extinguishers 3

7 Apparatus 3
7.1 Test rig 3
7.2 Test enclosure 4
7.3 Clock 4
7.4 Ignition source: smouldering cigarette 5

8 Atmospheres for conditioning and testing 5
8.1 Conditioning 5
8.2 Testing 5

9 Test specimen 5
9.1 General 5
9.2 Small scale 5
9.3 Full size 6

10 Test procedure 6
10.1 Preparation 6
10.2 Ignition source application 6
10.3 Final examination 7

11 Test report 7

Annex A (informative) Model test report form 8