

DIN EN 1021-2:2014-10 (E)

Furniture - Assessment of the ignitability of upholstered furniture - Part 2: Ignition source match flame equivalent

Contents	Page
Foreword	3
Introduction	4
1 Scope	5
2 Terms and definitions	6
3 Criteria of ignition	6
3.1 Progressive smouldering ignition	6
3.2 Flaming ignition	7
4 Principle	7
5 Health and safety of operators	7
5.1 General	7
5.2 Enclosure	7
5.3 Extinguishers	7
6 Apparatus	8
6.1 Test rig	8
6.2 Test enclosure	11
6.3 Clock	11
6.4 Ignition source: gas flame ignition source 1, match-flame equivalent	11
6.5 Gas flow control	11
7 Preparation and conditioning	12
7.1 Preparation	12
7.2 Conditioning	12
7.3 Atmosphere for testing	12
8 Test assembly	12
8.1 General	12
8.2 Cover materials	12
8.3 Upholstery filling	13
9 Ignition source application	13
9.1 Preparation	13
9.1.1 General	13
9.2 Ignition source application	16
9.3 Final examination	16
10 Test report	16
Annex A (informative) Guidance notes for designers and specifiers	18
Annex B (informative) Model test report form	20
Annex C (informative) Cleaning of a rig	21
Annex D (normative) Water soaking procedure	22

D.1	Reagents	22
D.2	Apparatus	22
D.3	Specimens	22
D.4	Procedure	23