



**International  
Standard**

**ISO 16502-2**

**Furniture — Assessment of the  
ignitability of mattresses and  
upholstered bed bases —**

**Part 2:  
Ignition source: match flame  
equivalent**

*Ameublement — Évaluation de l'allumabilité des matelas et des  
sommiers rembourrés —*

*Partie 2: Source d'allumage: flamme équivalente à celle d'une  
allumette*

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## Foreword

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This document was prepared by ISO/TC 136, *Furniture*.

A list of all parts in the ISO 16502 series can be found on the ISO website.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at [www.iso.org/members.html](http://www.iso.org/members.html).

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## Introduction

This document is a part of the ISO 16502 series concerned with the ignitability of mattresses and upholstered bed bases using different ignition sources. The ignition source used in this document is a gas flame equivalent to a match flame.

When mattresses or bed bases are used or stored on their own, it is desirable to know their ignitability in their own right.

It cannot be assumed that protection against flaming sources automatically gives protection against smouldering ignition. Users of this document should therefore recognize the need to submit test specimens to both a gas flame equivalent to a match flame and cigarette ignition tests.

**WARNING — Attention is drawn to the fact that the tests given in the test report (see [Clause 11](#)) are not intended to reproduce the full fire hazards that may be encountered.**

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