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Contents

Page

Foreword.....	v
Introduction.....	vi
1 Scope.....	1
2 Normative references.....	1
3 Terms and definitions.....	1
4 Functional requirements.....	3
4.1 Flame generation.....	3
4.2 Flame heights.....	3
4.2.1 Non-adjustable lighters.....	4
4.2.2 Adjustable lighters.....	4
4.3 Flame-height adjustment.....	6
4.4 Resistance to spitting or sputtering and flaring.....	7
4.5 Flame extinction.....	7
4.6 Volumetric displacement of fuel.....	8
4.7 Mass of fuel.....	8
5 Structural integrity requirements.....	8
5.1 External finish.....	8
5.2 Compatibility with fuel.....	8
5.3 Resistance to fuel loss.....	8
5.4 Resistance to dropping.....	9
5.5 Resistance to elevated temperature.....	9
5.6 Resistance to internal pressure.....	9
5.7 Burning behaviour.....	9
5.8 Resistance to cyclic burning.....	10
5.9 Resistance to continuous burning.....	10
6 Test methods.....	11
6.1 Test specimens and test sequencing.....	11
6.1.1 Test specimens.....	11
6.1.2 Test sequencing.....	11
6.2 Flame height measurement.....	11
6.2.1 Apparatus.....	11
6.2.2 Procedure.....	11
6.3 Spitting, sputtering and flaring tests.....	11
6.3.1 General.....	11
6.3.2 Procedure.....	11
6.4 Flame extinction test.....	12
6.4.1 Apparatus.....	12
6.4.2 Procedure.....	12
6.5 Fuel compatibility test.....	13
6.5.1 General.....	13
6.5.2 Apparatus.....	13
6.5.3 Procedure.....	13
6.6 Refilling test.....	15
6.6.1 General.....	15
6.6.2 Apparatus.....	15
6.6.3 Procedure.....	15
6.7 Volumetric fuel-displacement test.....	16
6.7.1 General.....	16
6.7.2 Test specimens.....	16
6.7.3 Apparatus.....	16
6.7.4 Procedure.....	16
6.8 Drop test.....	17

6.8.1	General.....	17
6.8.2	Apparatus.....	17
6.8.3	Procedure.....	18
6.9	Elevated-temperature test.....	19
6.9.1	General.....	19
6.9.2	Apparatus.....	19
6.9.3	Procedure.....	19
6.10	Internal-pressure test.....	20
6.10.1	General.....	20
6.10.2	Test specimens.....	20
6.10.3	Apparatus.....	20
6.10.4	Procedure.....	20
6.11	Cyclic-burning-time test.....	21
6.11.1	General.....	21
6.11.2	Procedure.....	21
6.12	Continuous-burning-time test.....	22
6.12.1	General.....	22
6.12.2	Apparatus.....	22
6.12.3	Procedure.....	22
7	Instructions and warnings.....	23
7.1	General.....	23
7.2	Location.....	23
7.3	Content.....	23
7.4	Safety signs.....	24
7.5	Refilling instructions.....	25
7.5.1	General.....	25
7.5.2	Fluid lighters.....	25
7.5.3	Gas lighters.....	25
8	Product marking.....	25
	Annex A (normative) Test sequencing.....	26

Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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For an explanation of the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT) see www.iso.org/iso/foreword.html.

This document was prepared by Technical Committee ISO/TC 61, *Plastics*, Subcommittee SC 4, *Burning behaviour*.

This fifth edition cancels and replaces the fourth edition (ISO 9994:2005), which has been technically revised.

The main changes compared to the previous edition are as follows:

- [Clause 2](#), [3.22](#), [3.23](#), [subclause 4.2.2.4](#), [subclause 4.2.3](#), [subclause 4.2.4](#), [subclause 4.7](#), [subclause 6.1.2](#), [subclause 6.11.2.2.9](#) and [subclause 6.11.2.2.10](#) have been added.
- term number [3.6](#), [subclause 4.2.2.3](#), [subclause 4.5](#), [subclause 5.1](#), [subclause 5.7](#), [Figure 4](#), [subclause 6.3.2.7](#), [subclause 6.7.4](#), [subclause 6.9.3.3](#), [subclause 6.10.4](#), [subclause 6.12.3](#), [subclause 7.3.1](#), [subclause 7.4](#), [Figure 5](#), [Figure 7](#) and [Annex A](#) have been modified.
- Bibliography has been deleted.

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.

Introduction

Lighters, being flame-producing devices, can, as do all flame sources, present a potential hazard to users. The safety specifications given in this document cannot eliminate all hazards, but are intended to reduce potential hazards to users.

This document is intended to be revised periodically to consider flame height reduction for the various technologies in line with technological progress.

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