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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 8332-2008

Replacing GB/T 8332-1987

**Test method for flammability of cellular plastic -- Horizontal
burning method**

泡沫塑料燃烧性能试验方法 水平燃烧法

(English Translation)

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Foreword

This standard is equivalent to international standards ISO 9772:2001 (English Version) "--- small foam sample at the level of a small flame burning conditions Burning performance measurement. " the standard ISO 9772:2001 (E) mainly made the following editorial changes.

- Deleted international standards foreword;
- The 4th chapter of international standards listed in Appendix B of this standard;
- International standard precision data included in Appendix C of this standard;
- The revised International Standard ISO , the sample 9772.2001/Amd1.2003 (E) directly written standards.

This standard replaces GB/T 8332-1987 "foam burning behavior of horizontal burning method." this standard and GB/T 8332-1987 compared to the main changes are as follows.

- Adopt different standards, this revision is identical with ISO 9772:2001 (E), the original standard is equivalent to ISO 3582. 1978;
- Increase the informative Appendix A, grading system;
- Increase the informative Appendix B, for a description of the test;
- Increase the informative appendix C, ISO 9772 precision.

The Standard Appendix A, Appendix B, Appendix C is informative appendix.

The standard proposed by China Petroleum and Chemical Industry Association.

This standard by the National Standardization Technical Committee of plastic (SAC/TC15) centralized.

1 Scope

This standard specifies the determination of the foam using horizontal combustion performance.

This standard applies to assessment under laboratory conditions according to ISO 845. 1985 Determination of density less than 250kg/m³ foam small specimens in the small flame combustion performance levels.

This standard does not assess the actual conditions of use as a fire under risk basis.

2 Normative references

The following documents contain provisions which, through reference in this standard and become the standard terms. For dated references, subsequent Amendments (not including errata content) or revisions do not apply to this standard, however, encourage the parties to the agreement are based on research Whether the latest versions of these documents. For undated reference documents, the latest versions apply to this standard.

GB/T 1844.1-2008 Plastics - Symbols and abbreviated terms - Part 1. Basic polymers and their special characteristics (ISO 1043-1.

2001, IDT)

GB/T 2918-1998 standard plastic sample conditioning and environmental tests (idt ISO 291:1997) GB/T 6342-1996 foam rubber - Determination of linear dimensions (idt ISO 1923. 1981) ISO 845. 1985 foam and rubber --- Determination of apparent (bulk) density ISO 10093:1998 standard plastic --- --- combustion test fire source ISO/IEC 13943:2000 Fire safety --- Glossary

3 Terms and Definitions

ISO/IEC 13943:2000 and established the following terms and definitions apply to this standard.

Under certain experimental conditions, the material in the flame is removed after the duration of the fire source.

Under certain experimental conditions, material is removed at the source of fire and/or flame goes out after the glow duration.

4 Note, tests

See Appendix B. Test description

5.1 Laboratory fume hood

The internal volume of less than 0.5m³. Case should be able to observe the ongoing trials and well ventilated so that normal combustion air heat cycle Ring through the specimen. Inside walls should be dark. Place the sample in a metering position, facing the rear wall of the housing, light intensity recorded no more than GB/T 8332-2008/ISO 9772:2001