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Plastics — Symbols and abbreviated terms —

Part 4: Flame retardants

Plastiques — Symboles et termes abrégés —

Partie 4: Ignifuges

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Contents

Page

Foreword ..... **iv**
1 Scope **1**
2 Normative references **1**
3 Terms and definitions **1**
4 Application of symbols **1**
5 Code numbers for flame retardants **2**
Bibliography **5**

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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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This document was prepared by Technical Committee ISO/TC 61, *Plastics*, Subcommittee SC 1, *Terminology,* in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 249, *Plastics,* in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This second edition cancels and replaces the first edition (ISO 1043-4:1998), which has been technically revised. It also incorporates the Amendment ISO 1043-4:1998/Amd 1:2016.

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

— code numbers 26, 27, 53, 54, and 55 have been added.

A list of all parts in the ISO 1043 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.

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Plastics — Symbols and abbreviated terms —

Part 4: Flame retardants

1 Scope

This document provides uniform symbols for flame retardants added to plastics materials.

2 Normative references

There are no normative references in this document.

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

ISO and IEC maintain terminology databases for use in standardization at the following addresses:

— ISO Online browsing platform: available at https://www.iso.org/obp

— IEC Electropedia: available at https://www.electropedia.org/

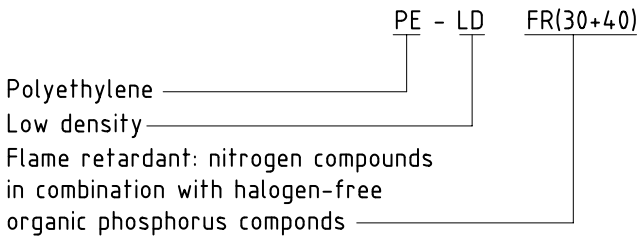
3.1
flame retardant
substance that markedly retards the propagation of a flame

Note 1 to entry: Included are flame retardants that are incorporated in prepolymers.

4 Application of symbols

The symbols are written with the abbreviated term "FR", in capital letters, followed, without a space, by a two-digit code number enclosed in parentheses and selected, as appropriate, from the list given in Clause 5. Only flame retardants exceeding a mass fraction of 1 % have to be identified. These symbols are used in addition to the symbols for a plastics material derived from ISO 1043-1, ISO 1043-2 and ISO 1043-3.

EXAMPLE 1:



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