
Plastics — Generic identification and marking of plastics products

Plastiques — Identification générique et marquage des produits en matière plastique

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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).

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see www.iso.org/patents).

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

For an explanation on 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 the following URL: www.iso.org/iso/foreword.html.

The committee responsible for this document is ISO/TC 61, *Plastics*, Subcommittee SC 1, *Terminology*.

This third edition cancels and replaces the second edition (ISO 11469:2000), which has been technically revised with the following changes:

- the definition of “plastics products” has been modified;
- the marking of recyclates has been included.

Plastics — Generic identification and marking of plastics products

1 Scope

This International Standard specifies a system of uniform marking of products that have been fabricated from plastics materials. Provision for the process or processes to be used for marking is outside the scope of this International Standard.

NOTE 1 Precise details of the marking, e.g. the minimum size of the item to be marked, the size of the lettering, the appropriate location of the marking, are subject to agreement between the manufacturer and the user.

The marking system is intended to help identify plastics products for subsequent decisions concerning handling, waste recovery or disposal.

Generic identification of the plastics is provided by the symbols and abbreviated terms given in ISO 1043-1, ISO 1043-2, ISO 1043-3 and ISO 1043-4.

NOTE 2 If more detailed information for material identification is needed, additional marking of plastics products can be applied as defined in the appropriate product standard.

This International Standard is not intended to supplant, replace or in any way interfere with the requirements for labelling specified in product standards or legislation.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 472, *Plastics — Vocabulary*

ISO 1043-1, *Plastics — Symbols and abbreviated terms — Part 1: Basic polymers and their special characteristics*

ISO 1043-2, *Plastics — Symbols and abbreviated terms — Part 2: Fillers and reinforcing materials*

ISO 1043-3, *Plastics — Symbols and abbreviated terms — Part 3: Plasticizers*

ISO 1043-4, *Plastics — Symbols and abbreviated terms — Part 4: Flame retardants*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in ISO 472 and the following apply.

3.1

abbreviated term

term resulting from the omission of any part of a term while designating the same concept

[SOURCE: ISO 1043-1:2011, 3.1]

3.2

plastics products

articles or stocks shapes of plastic materials for any type of application