

**PLASTID. TÄHISED JA TERMINILÜHENDID.  
OSA 1: PÕHIPOLÜMEERID JA NENDE ERITUNNUSED**

**Plastics - Symbols and abbreviated terms - Part 1: Basic  
polymers and their special characteristics  
(ISO 1043- 1:2011+A1:2016)**

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English Version

## Plastics - Symbols and abbreviated terms - Part 1: Basic polymers and their special characteristics (ISO 1043-1:2011)

Plastiques - Symboles et termes abrégés - Partie 1:  
Polymères de base et leurs caractéristiques spéciales (ISO  
1043-1:2011)

Kunststoffe - Kennbuchstaben und Kurzzeichen - Teil 1:  
Basis-Polymere und ihre besonderen Eigenschaften (ISO  
1043-1:2011)

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Management Centre: Avenue Marnix 17, B-1000 Brussels

## Foreword

This document (EN ISO 1043-1:2011) has been prepared by Technical Committee ISO/TC 61 "Plastics" in collaboration with Technical Committee CEN/TC 249 "Plastics" the secretariat of which is held by NBN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by May 2012, and conflicting national standards shall be withdrawn at the latest by May 2012.

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### Endorsement notice

The text of ISO 1043-1:2011 has been approved by CEN as a EN ISO 1043-1:2011 without any modification.

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# Plastics — Symbols and abbreviated terms —

## Part 1: Basic polymers and their special characteristics

### 1 Scope

This part of ISO 1043 defines abbreviated terms for the basic polymers used in plastics, symbols for components of these terms, and symbols for special characteristics of plastics. It includes only those abbreviated terms that have come into established use and its aim is both to prevent the occurrence of more than one abbreviated term for a given plastic and to prevent a given abbreviated term being interpreted in more than one way.

NOTE 1 For symbols and abbreviated terms for fillers and reinforcing materials, see ISO 1043-2, for plasticizers see ISO 1043-3, and for flame retardants see ISO 1043-4. Nomenclature for rubbers and latices is given in ISO 1629. Nomenclature for thermoplastic elastomers is given in ISO 18064.

NOTE 2 Guidance for the preparation of new abbreviated terms is given in Annex A, and reference lists of symbols for the components of plastics terms used to form the abbreviated terms for plastics are given in Annex B.

NOTE 3 A classification of abbreviated terms for polymers grouped by type is given in Annex C.

### 2 Normative references

The following referenced documents are indispensable for the application of this document. 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*

### 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

### 4 Use of symbols and abbreviated terms

**4.1** Abbreviated terms for homopolymers, copolymers and natural polymers are given in Clause 5, symbols for special characteristics are given in Clause 6, the symbol for plastics recycle is given in Clause 7, and examples of the use of symbols are given in Clause 8.

**4.2** To distinguish the essential molecular characteristics within a given generic type of plastics material, additional symbols, with guidance for their use, are provided. The use of symbols for describing properties that can only be ascertained subjectively should be avoided since this can lead to confusion.