

Plastid. Sümbolid ja terminilühendid. Osa 2: Täiteained ja armeerivad materjalid (ISO 1043-2:2011)

Plastics - Symbols and abbreviated terms - Part 2: Fillers and reinforcing materials (ISO 1043-2:2011)

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

See Eesti standard EVS-EN ISO 1043-2:2011 sisaldab Euroopa standardi EN ISO 1043-2:2011 ingliskeelset teksti.	This Estonian standard EVS-EN ISO 1043-2:2011 consists of the English text of the European standard EN ISO 1043-2:2011.
Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas.	This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation.
Euroopa standardimisorganisatsioonid on teinud Euroopa standardi rahvuslikele liikmetele kättesaadavaks 23.11.2011.	Date of Availability of the European standard is 23.11.2011.
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English Version

Plastics - Symbols and abbreviated terms - Part 2: Fillers and reinforcing materials (ISO 1043-2:2011)

Plastiques - Symboles et termes abrégés - Partie 2:
Charges et matériaux de renforcement (ISO 1043-2:2011)

Kunststoffe - Kennbuchstaben und Kurzzeichen - Teil 2:
Füllstoffe und Verstärkungsstoffe (ISO 1043-2:2011)

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Foreword

This document (EN ISO 1043-2:2011) 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of an identical text or by endorsement, at the latest by May 2012, and conflicting national standards shall be withdrawn at the latest by May 2012.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 1043-2:2011 has been approved by CEN as a EN ISO 1043-2:2011 without any modification.

Plastics — Symbols and abbreviated terms —

Part 2: Fillers and reinforcing materials

1 Scope

This part of ISO 1043 specifies uniform symbols for terms referring to fillers and reinforcing materials. It includes only those symbols that have come into established use, and its main aim is both to prevent the occurrence of more than one symbol for a given filler or reinforcing material and to prevent a given symbol being interpreted in more than one way.

NOTE For symbols and abbreviated terms for basic polymers and their special characteristics, see ISO 1043-1, for plasticizers see ISO 1043-3, and, for flame retardants, see ISO 1043-4.

2 Use of the symbols

2.1 The symbols for fillers and reinforcing materials are specified in Subclause 3.1 and the symbols for their form and/or structure are specified in Subclause 3.2.

2.2 Only capital letters shall be used, except for chemical symbols.

2.3 The type of filler or reinforcing material shall be represented by the first letter and its physical form or structure by the second letter.

NOTE There are exceptions requiring the use of one or more further letters, as indicated in Tables 1 and 2.

EXAMPLE 1 GF is the symbol for glass in the form of fibre.

EXAMPLE 2 GCM is the symbol for glass in the form of chopped-strand mat.

2.4 Mixtures of materials or forms may be indicated by combining the relevant symbols using a “+” sign and enclosing the whole in parentheses.

There should be no space before or after the “+” sign.

EXAMPLE (GF+MD) is the symbol for a mixture of glass fibres (GF) and mineral powder (MD).

2.5 The further information required for metals shall be indicated by the chemical symbol in parentheses.

EXAMPLE MED(Al) is the symbol for aluminium powder.