



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

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**Plastics - Symbols and abbreviated terms - Part 2: Fillers and
reinforcing materials**

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Foreword

This document was drafted in accordance with the rules given in GB/T 1.1-2020

"Directives for standardization - Part 1: Rules for the structure and drafting of standardizing documents".

This document is Part 2 of GB/T1844 "Plastics -- Symbols and abbreviated terms". The following parts of GB/T 1844 have been published:

- Part 1: Basic polymers and their special characteristics;
- Part 2: Fillers and reinforcing materials;
- Part 3: Plasticizers;
- Part 4: Flame retardants.

This document replaces GB/T 1844.2-2008 "Plastics -- Symbols and abbreviated terms -- Part 2: Fillers and reinforcing materials". Compared with GB/T 1844.2-2008, in addition to structural adjustments and editorial changes, the main technical changes are as follows:

- a) According to general requirements, the symbols of aromatic polyamides have been changed (see 5.1 of this Edition; 3.2 of Edition 2008);
- b) The symbols "ME", "EM", "CM", "LF", "NF" and the names of the materials they represent have been added (see 5.1 and 5.2 of this Edition).

This document identically adopts ISO 1043-2:2011 "Plastics -- Symbols and abbreviated terms -- Part 2: Fillers and reinforcing materials".

Two chapters "Normative reference" and "Terms and definitions" have been added to this document.

The following minimal editorial changes were made to this document:

- The content of "Applicable limits" has been added to the "Scope" chapter to comply with the provisions of GB/T 1.1-2020.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. The issuing authority shall not be held responsible for identifying any or all such patent rights.

This document was proposed by China Petroleum and Chemical Industry Association.

This document shall be under the jurisdiction of National Technical Committee on Plastics of Standardization Administration of China (SAC/TC 15).

Plastics -- Symbols and abbreviated terms -- Part 2: Fillers and reinforcing materials

1 Scope

This document defines uniform symbols for terms related to fillers and reinforcements.

This document includes only abbreviations whose purpose is clear, in order to avoid multiple abbreviations for a specific filler or reinforcement or multiple interpretations of a specific abbreviation.

This document applies to plastic fillers and reinforcements.

NOTE: The symbols and abbreviations of base polymers and their special properties are shown in

GB/T 1844.1. The symbols and abbreviations of plasticizers are shown in GB/T 1844.3. The symbols and abbreviations of flame retardants are shown in GB/T 1844.4.

2 Normative references

This document has no normative references.

3 Terms and definitions

There are no terms or definitions that require definition in this document.

4.1 The symbols for fillers and reinforcing materials are specified in 5.1. The symbols

for indicating the shape and/or structure of fillers and reinforcing materials are specified in 5.2.

4.3 The type of filler and reinforcing material is indicated by the first letter. The physical

shape or structure is indicated by the second letter.

NOTE: Some special cases use 1 or more letters, see Table 1 and Table 2.

Example 1: GF stands for glass fiber.

Example 2: GCM stands for chopped glass fiber.

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