# SLOVENSKI STANDARD
# SIST EN ISO 18064:2005

**01-maj-2005**

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**Plastomerni elastomeri - Nomenklatura in okrajšave (ISO 18064:2003)**

Thermoplastic elastomers - Nomenclature and abbreviated terms (ISO 18064:2003)

Thermoplastische Elastomere - Nomenklatur und Kurzzeichen (ISO 18064:2003)

Élastomeres thermoplastiques - Nomenclature et termes abrégé (ISO 18064:2003)



**Ta slovenski standard je istoveten z:** **EN ISO 18064:2005**

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**ICS:**

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|---|---|---|
| 01.040.83 | Gumarska industrija in industrija polimernih materialov (Slovarji) | Rubber and plastics industries (Vocabularies) |
| 83.080.20 | Plastomeri | Thermoplastic materials |

**SIST EN ISO 18064:2005** **en,fr,de**

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

# EN ISO 18064

February 2005

ICS 01.040.83; 83.080.20

English version

# Thermoplastic elastomers - Nomenclature and abbreviated terms (ISO 18064:2003)

Élastomères thermoplastiques - Nomenclature et termes abrégé (ISO 18064:2003)

Thermoplastische Elastomere - Nomenklatur und Kurzzeichen (ISO 18064:2003)

This European Standard was approved by CEN on 3 February 2005.

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This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the Central Secretariat has the same status as the official versions.



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## Foreword

The text of ISO 18064:2003 has been prepared by Technical Committee ISO/TC 45 "Rubber and rubber products" of the International Organization for Standardization (ISO) and has been taken over as EN ISO 18064:2005 by Technical Committee CEN/TC 249 "Plastics", the secretariat of which is held by IBN.

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of an identical text or by endorsement, at the latest by August 2005, and conflicting national standards shall be withdrawn at the latest by August 2005.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.

### Endorsement notice

The text of ISO 18064:2003 has been approved by CEN as EN ISO 18064:2005 without any modifications.

INTERNATIONAL STANDARD

**ISO 18064**

First edition
2003-09-01

# Thermoplastic elastomers — Nomenclature and abbreviated terms

*Élastomères thermoplastiques — Nomenclature et termes abrégés*



Reference number
ISO 18064:2003(E)

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## Foreword

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International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

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.

ISO 18064 was prepared by Technical Committee ISO/TC 45, *Rubber and rubber products*.

## Introduction

Thermoplastic elastomers combine many of the attributes and features of both vulcanized thermoset rubber and thermoplastic materials. It is, therefore, important that any system of classification and nomenclature for this rapidly expanding polymer sector should be acceptable to both the rubber and plastics industries. Neither of the existing standards for the nomenclature and abbreviated terms for rubber (ISO 1629) and for plastics (ISO 1043-1) is suitable for this purpose. The system in this International Standard has been devised to avoid any conflict of interests or ambiguity, permit the use of existing terms in the construction of abbreviations for thermoplastic elastomers, and allow for future developments or expansion.

This International Standard uses established abbreviated terms. Its aim is both to prevent the occurrence of more than one abbreviated term for a given thermoplastic elastomer term, and to prevent the interpretation of more than one meaning for a given abbreviated term. For this reason, this International Standard makes appropriate use of the terms and symbols listed in ISO 1043-1 and ISO 1629.