

# SLOVENSKI STANDARD

## SIST EN ISO 19062-1:2016

01-februar-2016

Nadomešča:

SIST EN ISO 2580-1:2003

---

**Polimerni materiali - Materiali za oblikovanje in ekstrudiranje iz kopolimerov akrilonitril-butadien-stirena(ABS) - 1. del: Sistem označevanja in podlage za specifikacije (ISO 19062-1:2015)**

Plastics - Acrylonitrile-butadiene-styrene (ABS) moulding and extrusion materials - Part 1: Designation system and basis for specifications (ISO 19062-1:2015)

Kunststoffe - Acrylnitril-Butadien-Styrol (ABS)-Formmassen - Teil 1:  
Bezeichnungssystem und Basis für Spezifikationen (ISO 19062-1:2015)

Plastiques - Acrylonitrile-butadiène-styrène (ABS) pour moulage et extrusion - Partie 1:  
Système de désignation et base de spécifications (ISO 19062-1:2015)

**Ta slovenski standard je istoveten z: EN ISO 19062-1:2015**

---

**ICS:**

83.080.20      Plastomeri      Thermoplastic materials

**SIST EN ISO 19062-1:2016**      en,fr,de

**iTeh STANDARD PREVIEW**  
**(standards.iteh.ai)**

[SIST EN ISO 19062-1:2016](#)

<https://standards.iteh.ai/catalog/standards/sist/008028e0-6a7f-445f-a971-f225be286111/sist-en-iso-19062-1-2016>

EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN ISO 19062-1**

December 2015

ICS 83.080.20

Supersedes EN ISO 2580-1:2002

English Version

**Plastics - Acrylonitrile-butadiene-styrene (ABS) moulding  
and extrusion materials - Part 1: Designation system and  
basis for specifications (ISO 19062-1:2015)**

Plastiques - Acrylonitrile-butadiène-styrène (ABS)  
pour moulage et extrusion - Partie 1 : Système de  
désignation et base de spécification (ISO 19062-  
1:2015)

Kunststoffe - Acrylnitril-Butadien-Styrol (ABS)-  
Formmassen - Teil 1: Bezeichnungssystem und Basis  
für Spezifikationen (ISO 19062-1:2015)

This European Standard was approved by CEN on 26 September 2015.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CEN member.

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 CEN-CENELEC Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and United Kingdom.



EUROPEAN COMMITTEE FOR STANDARDIZATION  
COMITÉ EUROPÉEN DE NORMALISATION  
EUROPÄISCHES KOMITEE FÜR NORMUNG

**CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels**

**Contents**

Page

**European foreword..... 3**

**iTeh STANDARD PREVIEW  
(standards.iteh.ai)**

[SIST EN ISO 19062-1:2016](https://standards.iteh.ai/catalog/standards/sist/008028e0-6a7f-445f-a971-f225be286111/sist-en-iso-19062-1-2016)  
<https://standards.iteh.ai/catalog/standards/sist/008028e0-6a7f-445f-a971-f225be286111/sist-en-iso-19062-1-2016>

## European foreword

This document (EN ISO 19062-1:2015) 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 June 2016, and conflicting national standards shall be withdrawn at the latest by June 2016.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

This document supersedes EN ISO 2580-1:2002.

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

[SIST EN ISO 19062-1:2016](https://standards.iteh.ai/catalog/standards/sist/008038e0-6a7f-445f-a971-f225be286111/sist-en-iso-19062-1-2016)

<https://standards.iteh.ai/catalog/standards/sist/008038e0-6a7f-445f-a971-f225be286111/sist-en-iso-19062-1-2016>

### Endorsement notice

The text of ISO 19062-1:2015 has been approved by CEN as EN ISO 19062-1:2015 without any modification.

**iTeh STANDARD PREVIEW**  
**(standards.iteh.ai)**

[SIST EN ISO 19062-1:2016](https://standards.iteh.ai/catalog/standards/sist/008028e0-6a7f-445f-a971-f225be286111/sist-en-iso-19062-1-2016)

<https://standards.iteh.ai/catalog/standards/sist/008028e0-6a7f-445f-a971-f225be286111/sist-en-iso-19062-1-2016>

INTERNATIONAL  
STANDARD

ISO  
19062-1

First edition  
2015-11-15

---

---

**Plastics — Acrylonitrile-butadiene-  
styrene (ABS) moulding and  
extrusion materials —**

**Part 1:  
Designation system and basis for  
specifications**

iTeh STANDARD PREVIEW

(standards.iteh.ai)  
*Plastiques — Acrylonitrile-butadiène-styrène (ABS) pour moulage  
et extrusion —*

*Partie 1: Système de désignation et base de spécifications*

<https://standards.iteh.ai/catalog/standards/sist/008028e0-6a7f-445f-a971-f225be286111/sist-en-iso-19062-1-2016>



Reference number  
ISO 19062-1:2015(E)

© ISO 2015

**iTeh STANDARD PREVIEW**  
**(standards.iteh.ai)**

[SIST EN ISO 19062-1:2016](https://standards.iteh.ai/catalog/standards/sist/008028e0-6a7f-445f-a971-f225be286111/sist-en-iso-19062-1-2016)

<https://standards.iteh.ai/catalog/standards/sist/008028e0-6a7f-445f-a971-f225be286111/sist-en-iso-19062-1-2016>



**COPYRIGHT PROTECTED DOCUMENT**

© ISO 2015, Published in Switzerland

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized otherwise in any form or by any means, electronic or mechanical, including photocopying, or posting on the internet or an intranet, without prior written permission. Permission can be requested from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office  
Ch. de Blandonnet 8 • CP 401  
CH-1214 Vernier, Geneva, Switzerland  
Tel. +41 22 749 01 11  
Fax +41 22 749 09 47  
copyright@iso.org  
www.iso.org



# Contents

Page

<b>Foreword</b> .....	<b>iv</b>
<b>Introduction</b> .....	<b>v</b>
<b>1 Scope</b> .....	<b>1</b>
<b>2 Normative references</b> .....	<b>2</b>
<b>3 Designation system</b> .....	<b>2</b>
3.1 General.....	2
3.2 Data block 1.....	2
3.3 Data block 2.....	3
3.4 Data block 3.....	4
3.5 Data block 4.....	5
3.5.1 Vicat softening temperature.....	5
3.5.2 Melt mass-flow rate.....	6
3.5.3 Charpy notched impact strength.....	6
3.5.4 Tensile modulus.....	6
3.6 Data block 5.....	7
<b>4 Examples of designations</b> .....	<b>7</b>

## iTeh STANDARD PREVIEW (standards.iteh.ai)

[SIST EN ISO 19062-1:2016](https://standards.iteh.ai/catalog/standards/sist/008028e0-6a7f-445f-a971-f225be286111/sist-en-iso-19062-1-2016)

<https://standards.iteh.ai/catalog/standards/sist/008028e0-6a7f-445f-a971-f225be286111/sist-en-iso-19062-1-2016>

## ISO 19062-1:2015(E)

### 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](http://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](http://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 WTO principles in the Technical Barriers to Trade (TBT) see the following URL: [Foreword - Supplementary information](#)

The committee responsible for this document is ISO/TC 61, *Plastics*, Subcommittee SC 9, *Thermoplastic materials*.

This first edition of ISO 19062-1 cancels and replaces ISO 2580-1:2002, which has been technically revised to introduce a new designation system.

The revised designation system is published under a new ISO number, as many existing documents refer to ISO 2580-1. If the existing ISO 2580-1 would be replaced by the new designation system, these documents would refer to the incorrect designation system.

In order to give users time to switch from ISO 2580-1 to ISO 19062-1, any designation system according to ISO 2580-1 is to be phased out in 5 to 10 years. During this period, ISO 2580-2 will effectively be Part 2 of this International Standard.

ISO 19062 consists of the following parts, under the general title *Plastics — Acrylonitrile-butadiene-styrene (ABS) moulding and extrusion materials*:

— *Part 1: Designation system and basis for specifications*

## Introduction

ISO 2580-1 is complex and does not fit with daily practice anymore. In practice, ISO 1043 (all parts) and ISO 11469 are, in combination, “improperly” being used as a designation system for, e.g. marking. The aim of this International Standard is to simplify the data block system and to connect more to ISO 1043 (all parts) and ISO 11469, where the first two blocks are used for generic identification and marking of products.

## iTeh STANDARD PREVIEW (standards.iteh.ai)

[SIST EN ISO 19062-1:2016](https://standards.iteh.ai/catalog/standards/sist/008028e0-6a7f-445f-a971-f225be286111/sist-en-iso-19062-1-2016)

<https://standards.iteh.ai/catalog/standards/sist/008028e0-6a7f-445f-a971-f225be286111/sist-en-iso-19062-1-2016>