

# SLOVENSKI STANDARD

## SIST EN ISO 20028-1:2017

01-junij-2017

Nadomešča:

SIST EN ISO 7792-1:2014

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**Polimerni materiali - Materiali za oblikovanje in ekstrudiranje iz plastomernih poliestrov - 1. del: Sistem označevanja in podlage za specifikacije (ISO 20028-1:2017)**

Plastics - Thermoplastic polyester (TP) moulding and extrusion materials - Part 1: Designation system and basis for specification (ISO 20028-1:2017)

**iTeh STANDARD PREVIEW**

Kunststoffe - Thermoplastische Polyester (TP)-Formmassen - Teil 1: Bezeichnungssystem und Basis für Spezifikationen (ISO 20028-1:2017)

[SIST EN ISO 20028-1:2017](#)

Plastiques - Polyesters thermoplastiques (TP) pour moulage et extrusion — Partie 1 : Système de désignation et base de spécification (ISO 20028-1:2017)

**Ta slovenski standard je istoveten z: EN ISO 20028-1:2017**

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**ICS:**

83.080.20      Plastomeri      Thermoplastic materials

**SIST EN ISO 20028-1:2017**      en,fr

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EUROPEAN STANDARD

**EN ISO 20028-1**

NORME EUROPÉENNE

EUROPÄISCHE NORM

March 2017

ICS 83.080.20

Supersedes EN ISO 7792-1:2012

English Version

## Plastics - Thermoplastic polyester (TP) moulding and extrusion materials - Part 1: Designation system and basis for specifications (ISO 20028-1:2017)

Plastiques - Matériaux polyesters thermoplastiques (TP) pour moulage et extrusion - Partie 1: Système de désignation et base de spécification (ISO 20028-1:2017)

Kunststoffe - Thermoplastische Polyester (TP)-Werkstoffe - Teil 1: Bezeichnungssystem und Basis für Spezifikationen (ISO 20028-1:2017)

This European Standard was approved by CEN on 3 February 2017.

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, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and United Kingdom.



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COMITÉ EUROPÉEN DE NORMALISATION  
EUROPÄISCHES KOMITEE FÜR NORMUNG

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

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## European foreword

This document (EN ISO 20028-1:2017) 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 September 2017, and conflicting national standards shall be withdrawn at the latest by September 2017.

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 7792-1:2012.

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, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

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### Endorsement notice

The text of ISO 20028-1:2017 has been approved by CEN as EN ISO 20028-1:2017 without any modification.

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INTERNATIONAL  
STANDARD

ISO  
20028-1

First edition  
2017-03

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**Plastics — Thermoplastic polyester  
(TP) moulding and extrusion  
materials —**

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

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moulage et extrusion —*

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

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## ISO 20028-1:2017(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 World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT) see the following URL: [www.iso.org/iso/foreword.html](http://www.iso.org/iso/foreword.html).

This document was prepared by Technical Committee ISO/TC 61, *Plastics*, Subcommittee SC 9, *Thermoplastic materials*.

This first edition of ISO 20028-1 cancels and replaces ISO 7792-1:2012, 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 7792-1. If the existing ISO 7792-1 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 7792-1 to ISO 20028-1, any designation system according to ISO 7792-1 is to be phased out in 5 to 10 years.

A list of all parts in the ISO 20028 series can be found on the ISO website.

## Introduction

ISO 7792-1 is complex and does not fit with daily practice anymore. In practice, ISO 1043 and ISO 11469 are, in combination, “improperly” being used as a designation system for, for example, marking. The aim of this revision is to simplify the data block system and to connect more to ISO 1043 and ISO 11469, where the first two blocks are used for generic identification and marking of products.

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