SIST

SLOVENSKI STANDARD
SIST EN ISO 16396-1:2022

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Nadomešča:

SIST EN ISO 16396-1:2015

Polimerni materiali - Poliamidni (PA) materiali za oblikovanje in ekstrudiranje - 1. del: Sistem označevanja in podlage za specifikacije (ISO 16396-1:2022)

Plastics - Polyamide (PA) moulding and extrusion materials - Part 1: Designation system and basis for specifications (ISO 16396-1:2022)

Kunststoffe - Polyamid (PA)-Formmassen für das Spritzgießen und die Extrusion - Teil 1: Bezeichnungssystem und Basis für Spezifikationen (ISO 16396-1:2022)

Plastiques - Matériaux à base de polyamide (PA) pour moulage et extrusion - Partie 1: Système de désignation et base de spécifications (ISO 16396-1:2022)

Ta slovenski standard je istoveten z: **EN ISO 16396-1:2022**

ICS:

83.080.20	Plastomeri	Thermoplastic materials

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EUROPEAN STANDARD

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English Version

Plastics - Polyamide (PA) moulding and extrusion materials - Part 1: Designation system and basis for specifications (ISO 16396-1:2022)

Plastiques - Matériaux à base de polyamide (PA) pour moulage et extrusion - Partie 1: Système de désignation et base de spécifications (ISO 16396-1:2022)

Kunststoffe - Polyamid (PA)-Formmassen für das Spritzgießen und die Extrusion - Teil 1: Bezeichnungssystem und Basis für Spezifikationen (ISO 16396 1:2022)

This European Standard was approved by CEN on 11 September 2022.

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

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Ref. No. EN ISO 16396-1:2022 E

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European foreword

This document (EN ISO 16396-1:2022) 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of an identical text or by endorsement, at the latest by April 2023, and conflicting national standards shall be withdrawn at the latest by April 2023.

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

This document supersedes EN ISO 16396-1:2015.

Any feedback and questions on this document should be directed to the users’ national standards body/national committee. A complete listing of these bodies can be found on the CEN website.

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Endorsement notice

The text of ISO 16396-1:2022 has been approved by CEN as EN ISO 16396-1:2022 without any modification.

INTERNATIONAL STANDARD

ISO 16396-1

Second edition
2022-09

Plastics — Polyamide (PA) moulding and extrusion materials —

Part 1: Designation system and basis for specifications

Plastiques — Matériaux à base de polyamide (PA) pour moulage et extrusion —

Partie 1: Système de désignation et base de spécifications

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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).

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Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

For an explanation of the voluntary nature of standards, 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 www.iso.org/iso/foreword.html.

This document was prepared by Technical Committee ISO/TC 61, *Plastics*, Subcommittee SC 9, *Thermoplastic materials,* in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 249, *Plastics,* in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This second edition cancels and replaces the first edition (ISO 16396-1:2015), which has been technically revised.

The main changes compared to the previous edition are as follows:

— “marking of products” has been deleted in the subtitle; the subtitle has been replaced by “Part 1: Designation system and basis for specifications”;

— the abbreviation for “Injection moulding” has been changed back to “M” in Table 4;

— “Multiple processing modes” has been added in Table 4

— the reference to ISO 1874-2 has been changed to ISO 16396-2.

A list of all parts in the ISO 16396 series can be found on the ISO website.

Any feedback or questions on this document should be directed to the user’s national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

Introduction

In practice, ISO 1043 and ISO 11469 are, in combination, being "improperly" used as a designation system for, e.g. marking. The aim of this document 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.