

STN	Pigmenty a plnidlá Metódy dispergovania a hodnotenie dispergovateľnosti v plastoch Časť 5: Hodnotenie pomocou skúšky hodnoty tlaku na filtri (ISO 23900-5: 2015)	STN EN ISO 23900-5 67 0562
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Pigments and extenders - Methods of dispersion and assessment of dispersibility in plastics - Part 5: Determination by filter pressure value test (ISO 23900-5:2015)

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 02/19

Obsahuje: EN ISO 23900-5:2018, ISO 23900-5:2015

Oznámením tejto normy sa ruší
STN EN 13900-5 (67 0562) z októbra 2005

128178

EUROPEAN STANDARD

EN ISO 23900-5

NORME EUROPÉENNE

EUROPÄISCHE NORM

September 2018

ICS 87.060.10

Supersedes EN 13900-5:2005

English Version

Pigments and extenders - Methods of dispersion and
assessment of dispersibility in plastics - Part 5:
Determination by filter pressure value test (ISO 23900-
5:2015)

Pigments et matières de charge - Méthodes de
dispersion et évaluation de l'aptitude à la dispersion
dans les plastiques - Partie 5: Détermination de la
valeur de pression du filtre lors d'un essai (ISO 23900-
5:2015)

Pigmente und Füllstoffe - Dispergierverfahren und
Beurteilung der Dispergierbarkeit in Kunststoffen -
Teil 5: Bestimmung mit dem Druckfiltertest (ISO
23900-5:2015)

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EN ISO 23900-5:2018 (E)

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European foreword

The text of ISO 23900-5:2015 has been prepared by Technical Committee ISO/TC 256 "Pigments, dyestuffs and extenders" of the International Organization for Standardization (ISO) and has been taken over as EN ISO 23900-5:2018 by Technical Committee CEN/TC 298 "Pigments and extenders" the secretariat of which is held by DIN.

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of an identical text or by endorsement, at the latest by March 2019, and conflicting national standards shall be withdrawn at the latest by March 2019.

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.

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Endorsement notice

The text of ISO 23900-5:2015 has been approved by CEN as EN ISO 23900-5:2018 without any modification.

INTERNATIONAL
STANDARD

ISO
23900-5

First edition
2015-05-01

**Pigments and extenders — Methods
of dispersion and assessment of
dispersibility in plastics —**

**Part 5:
Determination by filter pressure value
test**

*Pigments et matières de charge — Méthodes de dispersion et
évaluation de l'aptitude à la dispersion dans les plastiques —*

Partie 5: Détermination de la valeur de pression du filtre lors d'un essai



Reference number
ISO 23900-5:2015(E)

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Published in Switzerland

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ISO 23900-5:2015(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).

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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 256, *Pigments, dyestuffs and extenders*.

ISO 23900 consists of the following parts, under the general title *Pigments and extenders — Methods of dispersion and assessment of dispersibility in plastics*:

- *Part 1: General introduction*
- *Part 2: Determination of colouristic properties and ease of dispersion in plasticized polyvinyl chloride by two-roll milling*
- *Part 3: Determination of colouristic properties and ease of dispersion of black and colour pigments in polyethylene by two-roll milling*
- *Part 4: Determination of colouristic properties and ease of dispersion of white pigments in polyethylene by two-roll milling*
- *Part 5: Determination by filter pressure value test*
- *Part 6: Determination by film test*

Pigments and extenders — Methods of dispersion and assessment of dispersibility in plastics —

Part 5: Determination by filter pressure value test

1 Scope

This part of ISO 23900 specifies a method of assessing the degree of dispersion of a colorant in a thermoplastic polymer.

The method is suitable for testing colorants in the form of colour concentrates in all polymers used for extrusion and melt-spinning processes.

The filter pressure value (FPV) determined according to this method is valid only for the equipment, conditions and test polymer being used. The use of test conditions differing from those specified might give different results. The method of preparing the colour concentrate is not specified in this part of ISO 23900. The results obtained for individual colorants are therefore comparable only when the same method of preparation for colour concentrates is used.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 10088-1, *Stainless steels — Part 1: List of stainless steels*

koniec náhľadu – text ďalej pokračuje v platenej verzii STN