
Polimerni materiali - Določevanje povprečne molekularne mase in porazdelitev molekularne mase polimerov z uporabo izključitvene kromatografije (SEC) - 5. del: Metoda s sipanjem svetlobe (ISO 16014-5:2012)

Plastics - Determination of average molecular mass and molecular mass distribution of polymers using size-exclusion chromatography - Part 5: Method using light-scattering detection (ISO 16014-5:2012)

Kunststoffe - Bestimmung der durchschnittlichen Molmasse und der Molmassenverteilung von Polymeren mittels Gelpermeationschromatographie - Teil 5: Lichtstreuendetektionsverfahren (ISO 16014-5:2012)

Plastiques - Détermination de la masse moléculaire moyenne et de la distribution des masses moléculaires de polymères par chromatographie d'exclusion stérique - Partie 5: Méthode utilisant la détection par diffusion lumineuse (ISO 16014-5:2012)

Ta slovenski standard je istoveten z: EN ISO 16014-5:2012

ICS:

83.080.01	Polimerni materiali na splošno	Plastics in general
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SIST EN ISO 16014-5:2012

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN ISO 16014-5

July 2012

ICS 83.080.01

English Version

**Plastics - Determination of average molecular mass and
molecular mass distribution of polymers using size-exclusion
chromatography - Part 5: Method using light-scattering detection
(ISO 16014-5:2012)**

Plastiques - Détermination de la masse moléculaire
moyenne et de la distribution des masses moléculaires de
polymères par chromatographie d'exclusion stérique -
Partie 5: Méthode utilisant la détection par diffusion
lumineuse (ISO 16014-5:2012)

Kunststoffe - Bestimmung der durchschnittlichen Molmasse
und der Molmassenverteilung von Polymeren mittels
Gelpermeationschromatographie - Teil 5:
Lichtstreuendetektionsverfahren (ISO 16014-5:2012)

This European Standard was approved by CEN on 30 June 2012.

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Foreword

This document (EN ISO 16014-5:2012) has been prepared by Technical Committee ISO/TC 61 "Plastics" in collaboration with Technical Committee CEN/TC 139 "Paints and varnishes" 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of an identical text or by endorsement, at the latest by January 2013, and conflicting national standards shall be withdrawn at the latest by January 2013.

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INTERNATIONAL
STANDARDISO
16014-5First edition
2012-07-01

**Plastics — Determination of average
molecular mass and molecular mass
distribution of polymers using size-
exclusion chromatography —**

Part 5:

Method using light-scattering detection

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*Plastiques — Détermination de la masse moléculaire moyenne
et de la distribution des masses moléculaires de polymères par
chromatographie d'exclusion stérique —*

Partie 5. Méthode utilisant la détection par diffusion lumineuse

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Reference number
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Published in Switzerland

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Foreword

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ISO 16014-5 was prepared by Technical Committee ISO/TC 61, *Plastics*, Subcommittee SC 5, *Physical-chemical properties*.

ISO 16014 consists of the following parts, under the general title *Plastics — Determination of average molecular mass and molecular mass distribution of polymers using size-exclusion chromatography*:

- Part 1: General principles
- Part 2: Universal calibration method
- Part 3: Low-temperature method
- Part 4: High-temperature method
- Part 5: Method using light-scattering detection

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