

STN	Materiály získané po ukončení životnosti pneumatík Stanovenie špecifických požiadaviek na vzorkovanie a stanovenie obsahu vlhkosti sušením v sušičke	STN EN 16916 63 1023
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Materials obtained from End-of-Life Tyres - Determination of specific requirements for sampling and determination of moisture content using the oven-dry method

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. 03/25

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EN 16916

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Supersedes CEN/TS 16916:2016

English Version

**Materials obtained from End-of-Life Tyres - Determination
of specific requirements for sampling and determination of
moisture content using the oven-dry method**

Matériaux obtenus à partir de pneus usagés non
réutilisables (PUNR) - Détermination des exigences
spécifiques relatives à l'échantillonnage et
détermination de la teneur en humidité selon la
méthode de séchage à l'étuve

Materialien aus Altreifen - Bestimmung der
spezifischen Anforderungen für die Probenahme und
Bestimmung des Feuchtegehaltes aus dem Ofen-
Trockenverfahren

This European Standard was approved by CEN on 6 October 2024.

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.

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

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

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European foreword

This document (EN 16916:2024) has been prepared by Technical Committee CEN/TC 366 “Materials obtained from End-of-Life Tyres (ELT)”, the secretariat of which is held by UNI.

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 May 2025 and conflicting national standards shall be withdrawn at the latest by May 2025.

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 CEN/TS 16916:2016.

In comparison with CEN/TS 16916:2016, the following changes have been made:

- In 6.5.2, two apparatus for taking samples are shown (taking of an increment from the centre axis of the big bag and taking of an increment by the side of the big bag);
- “Figure 3 – Screw” has been replaced by “Figure 3 – Sample collector (all-layer sampler type)”;
- “Figure 4 — Sampler” has been replaced by “Figure 4 — Sample collector (sampling lance)”;
- EN 14243-2, *Materials obtained from end of life tyres — Part 2: Granulates and powders — Methods for determining the particle size distribution and impurities, including free steel and free textile content* has been included as a reference.

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

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, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Türkiye and the United Kingdom.

EN 16916:2024 (E)**1 Scope**

This document specifies a method for determining the total moisture content of materials obtained from End-of-Life Tyres (ELT) by drying samples in an oven. The method is applicable to chips, granulates, powders and textile derived from the treatment of End-of-Life Tyres.

This document is not intended for the determination of moisture content in steel wires.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 14243-1, *Materials obtained from end of life tyres — Part 1: General definitions related to the methods for determining their dimension(s) and impurities*

koniec náhľadu – text ďalej pokračuje v platenej verzii STN