

STN P	Materiály získané z pneumatík po skončení životnosti Metóda odberu vzoriek granulátov a práškov uložených vo veľkých vreciach	STN P CEN/TS 17188 63 1025
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Materials obtained from end of life tyres (ELT) - Sampling method for granulates and powders stored in big-bags

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

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English Version

Materials obtained from end of life tyres (ELT) - Sampling method for granulates and powders stored in big-bags

Matériaux obtenus à partir de pneus usagés non réutilisables (PUNR) - Méthode d'échantillonnage de granulats et de poudrettes stockés dans des big-bags

Materialien aus Altreifen (ELTs) - Probeentnahme für in Big Bags gelagerte Granulate und Mehle

This Technical Specification (CEN/TS) was approved by CEN on 2 March 2018 for provisional application.

The period of validity of this CEN/TS is limited initially to three years. After two years the members of CEN will be requested to submit their comments, particularly on the question whether the CEN/TS can be converted into a European Standard.

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CEN/TS 17188:2018 (E)

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European foreword

This document (CEN/TS 17188:2018) 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.

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CEN/TS 17188:2018 (E)**Introduction**

Particle size distribution and related parameters are key measurements for product characterization of size-reduced materials, such as granulates and powders derived from End-of-life Tyres (ELTs). To obtain an accurate particle size distribution, a representative sample of the material to be tested will be taken according to the principle that every particle of the sample that represents the lot will have an equal probability of being included in the sample.

Sampling criteria to assess characteristics of granulates and powders at different stages of a production process by size reduction of End-of-life tyres are given in prEN 14243-2:2017, Clause 5.

When the lot to be characterized is a big-bag, particular attention has to be given in order to obtain a representative sample(s) because of the tendency of the stored material to segregate over time with the smaller particles settling in the lower part of the big-bag.

1 Scope

This document specifies a method for obtaining a sample of rubber granulates or powders derived from End-of-life tyres which have been stored in big-bags.

Several sample increments at different levels within the big-bag are obtained, which represent the average particle size distribution within the big-bag. From these sample increments, a representative sample is derived.

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.

prEN 14243-1:2017, *Materials obtained from end of life tyres — Part 1: General definitions related to the methods for determining their dimension(s) and impurities*

prEN 14243-2:2017, *Materials obtained from end of life tyres — Part 2: Granulates and powders — Methods for determining their dimension(s) and impurities, including free steel and free textile content*

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