



BSI Standards Publication

**Materials obtained from end of life tyres (ELT) -
Determination of the true density of granulates
- Method based on water pycnometry**

National foreword

This Published Document is the UK implementation of CEN/TS 17189:2018.

The UK participation in its preparation was entrusted to Technical Committee PRI/73, Industrial rubber products.

A list of organizations represented on this committee can be obtained on request to its secretary.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

© The British Standards Institution 2018
Published by BSI Standards Limited 2018

ISBN 978 0 580 51120 2

ICS 13.030.50; 83.160.01

Compliance with a British Standard cannot confer immunity from legal obligations.

This Published Document was published under the authority of the Standards Policy and Strategy Committee on 30 June 2018.

Amendments/corrigenda issued since publication

Date	Text affected
------	---------------

English Version

Materials obtained from end of life tyres (ELT) -
Determination of the true density of granulates - Method
based on water pycnometry

Matériaux obtenus à partir de pneus usagés non
réutilisables (PUNR) - Détermination de la densité
vraie des granulats - Méthode basée sur la pycnométrie
à eau

Materialien aus Altreifen (ELTs) - Bestimmung der
tatsächlichen Dichte von Granulaten - Methode auf der
Grundlage von Wasser-Pyknometrie

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.

CEN members are required to announce the existence of this CEN/TS in the same way as for an EN and to make the CEN/TS available promptly at national level in an appropriate form. It is permissible to keep conflicting national standards in force (in parallel to the CEN/TS) until the final decision about the possible conversion of the CEN/TS into an EN is reached.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and United Kingdom.



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

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

Contents	Page
European foreword.....	3
Introduction	4
1 Scope.....	5
2 Normative references.....	5
3 Terms and definitions	5
4 Principle	5
5 Apparatus.....	6
5.1 Scales	6
5.2 Pycnometer	6
5.3 Vacuum chamber.....	6
6 Procedure.....	6
6.1 Sampling.....	6
6.2 Method	6
7 Expression of results.....	7
8 Test report.....	8
Bibliography.....	9