

Tests for geometrical properties of aggregates
Part 7: Determination of shell content – Percentage of shells in
coarse aggregates
English version of DIN EN 933-7

DIN
EN 933-7

ICS 91.100.20

Descriptors: Aggregates, testing, shell content.

Prüfverfahren für geometrische Eigenschaften von Gesteinskörnungen – Teil 7: Bestimmung des Muschelschalengehaltes – Prozentsatz von Muschelschalen in groben Gesteinskörnungen

European Standard EN 933-7 : 1998 has the status of a DIN Standard.

A comma is used as the decimal marker.

National foreword

This standard has been prepared by CEN/TC 154.

The responsible German body involved in its preparation was the *Normenausschuß Materialprüfung* (Materials Testing Standards Committee), Technical Committee *Prüfung von Naturstein und Gesteinskörnungen*. DIN ISO 3310-1 and DIN ISO 3310-2 are the standards corresponding to International Standards ISO 3310-1 and ISO 3310-2, respectively, referred to in clause 2 of the EN.

EN comprises 8 pages.

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English version

Tests for geometrical properties of aggregates

Part 7: Determination of shell content – Percentage of shells in coarse aggregates

Essais pour déterminer les propriétés géométriques des granulats – Partie 7: Détermination de la teneur en éléments coquilliers – Pourcentage des coquilles dans les gravillons

Prüfverfahren für geometrische Eigenschaften von Gesteinskörnungen – Teil 7: Bestimmung des Muschelschalengehaltes – Prozentsatz von Muschelschalen in groben Gesteinskörnungen

This European Standard was approved by CEN on 1998-02-15.

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 Central Secretariat or to any CEN member.

The European Standards exist 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 Central Secretariat has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, the Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, the Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, and the United Kingdom.

CEN

European Committee for Standardization
Comité Européen de Normalisation
Europäisches Komitee für Normung

Central Secretariat: rue de Stassart 36, B-1050 Brussels

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Foreword

This European Standard has been prepared by Technical Committee CEN/TC 154 "Aggregates", the secretariat of which is held by BSI.

This standard forms part of a series of tests for geometrical properties of aggregates. Test methods for other properties of aggregates will be covered by Parts of the following European Standards:

- EN 932 Tests for general properties of aggregates
- EN 1097 Tests for mechanical and physical properties of aggregates
- EN 1367 Tests for thermal and weathering properties of aggregates
- EN 1744 Tests for chemical properties of aggregates

A European Standard "Tests for filler aggregate used in bituminous mixtures" is in course of preparation.

The other parts of EN 933 will be:

- Part 1: Determination of particle size distribution - Sieving method
- Part 2: Determination of particle size distribution - Test sieves, nominal size of apertures
- Part 3: Determination of particle shape - Flakiness index
- Part 4: Determination of particle shape - Shape index
- Part 5: Assessment of surface characteristics - Percentage of crushed and broken surfaces in coarse aggregates
- Part 6: Assessment of surface characteristics - Flow coefficient of coarse aggregates
- Part 8: Assessment of fines - Sand equivalent test
- Part 9: Assessment of fines - Methylene blue test
- Part 10: Assessment of fines - Grading of fillers (air jet sieving)

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 September 1998, and conflicting national standards shall be withdrawn at the latest by December 1999.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.