

**General methods of test for pigments and extenders -
Part 7: Determination of residue on sieve - Water
method - Manual procedure**

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EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

Käesolev Eesti standard EVS-EN ISO 787-7:2009 sisaldab Euroopa standardi EN ISO 787-7:2009 ingliskeelset teksti.

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English Version

General methods of test for pigments and extenders - Part 7:
Determination of residue on sieve - Water method - Manual
procedure (ISO 787-7:2009)

Méthodes générales d'essai des pigments et matières de
charge - Partie 7: Détermination du refus sur tamis -
Méthode à l'eau - Méthode manuelle (ISO 787-7:2009)

Allgemeine Prüfverfahren für Pigmente und Füllstoffe - Teil
7: Bestimmung des Siebrückstandes - Wasserverfahren -
Handspülverfahren (ISO 787-7:2009)

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EUROPEAN COMMITTEE FOR STANDARDIZATION
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Foreword

This document (EN ISO 787-7:2009) has been prepared by Technical Committee ISO/TC 35 "Paints and varnishes" in collaboration with Technical Committee CEN/TC 298 "Pigments and extenders" 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of an identical text or by endorsement, at the latest by April 2010, and conflicting national standards shall be withdrawn at the latest by April 2010.

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Endorsement notice

The text of ISO 787-7:2009 has been approved by CEN as a EN ISO 787-7:2009 without any modification.

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General methods of test for pigments and extenders —

Part 7:

Determination of residue on sieve — Water method — Manual procedure

1 Scope

This part of ISO 787 specifies a general method of test for determining the residue on sieve from a sample of pigment or extender dispersed in water.

ISO 787-18, *General methods of test for pigments and extenders — Part 18: Determination of residue on sieve — Mechanical flushing procedure*, specifies a general method of test for determining the residue on sieve from a sample of pigment or extender by a mechanical flushing procedure.

For most pigments and extenders, ISO 787-7 and ISO 787-18 will usually give different results, and it is therefore essential to state clearly in a specification which method is to be used and, in the test report, which method has been used.

NOTE The general methods given in the various parts of ISO 787 are usually applicable to any pigment or extender. Thus only a cross-reference to the appropriate part of ISO 787 needs to be included in the International Standard giving the specification for that pigment or extender, indicating any detailed modifications that may be needed in view of the special properties of the material in question. Only when the general methods are not applicable to a particular material should a different method for determination of residue on sieve be specified.

2 Normative references

The following referenced documents are indispensable for the application 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.

ISO 565, *Test sieves — Metal wire cloth, perforated metal plate and electroformed sheet — Nominal sizes of openings*

ISO 3262-9:1997, *Extenders for paints — Specifications and methods of test — Part 9: Calcined clay*

ISO 4793, *Laboratory sintered (fritted) filters — Porosity grading, classification and designation*

ISO 15528, *Paints, varnishes and raw materials for paints and varnishes — Sampling*

3 Sampling

Take a representative sample of the material to be tested, as described in ISO 15528.