

**Spetsiaalne tehniline keraamika.
Keraamiliste pulbermaterjalide
katsemeetodid. Osa 3: Mitteoksiidide
hapnikusisalduse määramine termilisel
ekstraheerimisel kandegaasiga**

Advanced technical ceramics - Methods of test for
ceramic powders - Part 3: Determination of the
oxygen content of non-oxides by thermal extraction
with a carrier gas

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

Käesolev Eesti standard EVS-EN 725-3:2000 sisaldab Euroopa standardi EN 725-3:1994 ingliskeelset teksti. Käesolev dokument on jõustatud 11.01.2000 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes. Standard on kättesaadav Eesti standardiorganisatsioonist.	This Estonian standard EVS-EN 725-3:2000 consists of the English text of the European standard EN 725-3:1994. This document is endorsed on 11.01.2000 with the notification being published in the official publication of the Estonian national standardisation organisation. The standard is available from Estonian standardisation organisation.
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Käsitlusala: See standardi EN 725 osa kirjeldab tehnilise keraamika jaoks kasutatavate mitteoksiidsete pulbrite hapnikusisalduse määramise meetodit, kasutades inertse kandegaasiga termilise ekstraheerimise meetodit.	Scope:
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ICS 81.060.10

Võtmesõnad: ekstraheerimismeetodid, hapnik, keemiline analüüs, keraamika, pulbermaterjalid, redutseerimismeetodid, sisalduse määramine, süsinikmonooksiid

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Descriptors: Ceramics, powdery materials, chemical analysis, determination of oxygen content, extraction methods, reduction methods, carbon monoxide.

English version

Advanced technical ceramics

Methods of test for ceramic powders

Part 3: Determination of the oxygen content of non-oxides by thermal extraction with a carrier gas

Céramiques techniques avancées;
méthodes d'essai pour poudres
céramique. Partie 3: Détermination de la
teneur en oxygène de poudres non-
oxydes par extraction à chaud sous gaz
porteur

Hochleistungskeramik; Prüfverfahren für
keramische Pulver. Teil 3: Bestimmung
des Sauerstoffgehaltes in Nichtoxid-
Pulvern mittels Trägergasheißextraktion

This European Standard was approved by CEN on 1994-01-10.

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.

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 Central Secretariat has the same status as the official versions.

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

CEN

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

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Foreword

This European Standard has been prepared by Technical Committee CEN/TC 184 'Advanced technical ceramics', the Secretariat of which is held by BSI.

EN 725 consists of 11 Parts:

- Part 1 : Determination of impurities in alumina
- Part 2 : Determination of impurities in barium titanate (ENV)
- Part 3 : Determination of oxygen content of non-oxides by thermal extraction with a carrier gas
- Part 4 : Determination of oxygen content in aluminium nitride by XRF analysis (ENV)
- Part 5 : Determination of particle size distribution
- Part 6 : Determination of the specific surface area
- Part 7 : Determination of absolute density
- Part 8 : Determination of tapped bulk density
- Part 9 : Determination of untamped bulk density
- Part 10 : Determination of compaction properties
- Part 11 : Determination of densification on natural sintering (ENV)

This document was submitted to the formal vote and approved as European Standard.

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 July 1994, and conflicting national standards shall be withdrawn at the latest by July 1994.

In accordance with the CEN/CENELEC Internal Regulations, following countries are bound to implement this European Standard: Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.