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I.S. EN 725-9:2006

ICS 81.060.30

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ADVANCED TECHNICAL CERAMICS - METHODS OF TEST FOR CERAMIC POWDERS - PART 9: DETERMINATION OF UN-TAPPED BULK DENSITY

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EUROPEAN STANDARD

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English Version

Advanced technical ceramics - Methods of test for ceramic powders - Part 9: Determination of un-tapped bulk density

Céramiques techniques avancées - Méthodes d'essai pour poudres céramiques - Partie 9: Détermination de la masse volumique en vrac

Hochleistungskeramik - Prüfverfahren für keramische Pulver - Teil 9: Bestimmung der Schüttdichte

This European Standard was approved by CEN on 3 February 2006.

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Foreword

This European Standard (EN 725-9:2006) has been prepared by Technical Committee CEN/TC 184 “Advanced technical ceramics”, the secretariat of which is held by BSI.

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of an identical text or by endorsement, at the latest by September 2006, and conflicting national standards shall be withdrawn at the latest by September 2006.

This European Standard supersedes EN 725-9:1997.

The main changes in the new edition are:

- revision of the Foreword to reflect changes in the EN 725 series;

- addition of normative references;

- modifications to the apparatus specification;

- modifications to the test report requirements.

EN 725 *Advanced technical ceramics — Methods of test for ceramic powders* was prepared in Parts as follows:

Part 1 *Determination of impurities in alumina*

Part 2 *Determination of impurities in barium titanate*

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*

Part 5 *Determination of particle size distribution*

Part 6 *Determination of specific surface area* [withdrawn]

Part 7 *Determination of absolute density* [withdrawn]

Part 8 *Determination of tapped bulk density*

Part 9 *Determination of un-tapped bulk density*

Part 10 *Determination of compaction properties*

Part 11 *Determination of densification on natural sintering*

Part 12 *Chemical analysis of zirconia*

Parts 6 and 7 of the series were superseded in 2005 by EN ISO 18757 and EN ISO 18753 respectively.

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