

Advanced technical ceramics — Monolithic ceramics — Thermo-physical properties —

Part 3: Determination of specific heat capacity

UDC 666.5/.6:620.1:536.4

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This Draft for Development, having been prepared under the direction of the Refractory Products Standards Committee, was published under the authority of the Standards Board and comes into effect on 15 January 1994

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National foreword

This Draft for Development has been prepared under the direction of the Refractory Products Standards Policy Committee and is the English language version of ENV 821-3:1993 *Advanced technical ceramics — Monolithic ceramics — Thermo-physical properties — Part 3: Determination of specific heat capacity*, published as a European Prestandard by the European Committee for Standardization (CEN).

EN 821 consists of three Parts:

- *Part 1: Determination of thermal expansion;*
- *Part 2: Determination of thermal diffusivity;*
- *Part 3: Determination of specific heat capacity (ENV).*

This publication is not to be regarded as a British Standard.

It is being issued in the Draft for Development series of publications and is of a provisional nature because it is considered that further experience is required in its application before it is converted into a British Standard. It should be applied on this provisional basis, so that information and experience of its practical application may be obtained for reporting to the CEN committee responsible for converting the prestandard into a European Standard.

A review of the prestandard will be carried out 2 years after its publication.

Submission of comments from users of this publication is requested.

According to the replies received, the responsible BSI committee will judge whether to support the conversion into a European Standard or what other action should be taken.

Comments should be sent in writing to BSI, 3 York Street, Manchester M5 2AT for the attention of Mr D.J. Fisher, quoting the document reference (DD ENV 821-3), the relevant clause and, where possible, a proposed revision, within 2 years of the issue of this document.

Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, the ENV title page, pages 2 to 14, an inside back cover and a back cover.

This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.

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English version

Advanced technical ceramics — Monolithic ceramics — Thermo-physical properties — Part 3: Determination of specific heat capacity

Céramiques techniques avancées —
Céramiques monolithiques — Propriétés
thermo-physiques — Partie 3: Détermination
de la chaleur spécifique

Hochleistungskermik — Monolithische
Keramik — Thermophysikalische
Eigenschaften — Teil 3: Bestimmung der
spezifischen Wärme

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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 Prestandard has been prepared by CEN/TC 184, Advanced technical ceramics, the secretariat of which is held by BSI.

ENV 821 *Advanced technical ceramics — Monolithic ceramics — Thermo-physical properties* consists of three Parts:

- *Part 1: Determination of thermal expansion;*
- *Part 2: Determination of thermal diffusivity;*
- *Part 3: Determination of specific heat capacity.*

CEN/TC 184 approved this European Prestandard by resolution 2/92 during its fifth meeting held in Brussels, 1992-03-31.

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