

STANDARD

I.S.CEN/TS 1159-4:2004

ICS 81.060.30

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CERAMIC COMPOSITES -

THERMOPHYSICAL PROPERTIES - PART 4:

DETERMINATION OF THERMAL

CONDUCTIVITY

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TECHNICAL SPECIFICATION SPÉCIFICATION TECHNIQUE TECHNISCHE SPEZIFIKATION

CEN/TS 1159-4

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English version

Advanced technical ceramics - Ceramic composites - Thermophysical properties - Part 4: Determination of thermal conductivity

This Technical Specification (CEN/TS) was approved by CEN on 13 July 2001 for provisional application.

The period of validity of this CEN/TS is limited initially to three years. After two years the members of CEN will be requested to submit their comments, particularly on the question whether the CEN/TS can be converted into a European Standard.

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CEN/TS 1159-4:2004 (E)

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Foreword

This document CEN/TS 1159-4:2004 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of an identical text or by endorsement, at the latest by January 2005, and conflicting national standards shall be withdrawn at the latest by January 2005.

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EN 1159 Advanced technical ceramics — Ceramic composites. Thermophysical properties consists of four parts:

- Part 1: Determination of thermal expansion;
- Part 2: Determination of thermal diffusivity;
- Part 3: Determination of specific heat capacity;
- Part 4: Determination of thermal conductivity.

Part 4 is a Technical Specification.

CEN/TS 1159-4:2004 (E)

Introduction

Statement on patent use

Attention is drawn to the fact that compliance with this document may involve the use of a patented process, which is the "Process for determining the thermal conductivity of a material at high temperature and conductimeter for implementation of this process", given in this document.

CEN takes no position concerning the evidence, validity and scope of this patent right. The holder of the patent has provided a statement concerning use of the patented process. The holder of this patent right has assured CEN that he is willing to negotiate licences under reasonable and non-discriminatory terms and conditions with the applicants throughout the world. In this respect, the statement of the holder of this patent right is registered with CEN. Further information may be obtained from:

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