

Advanced technical ceramics — Ceramic composites — Methods of test for reinforcement —

Part 4: Determination of tensile properties of filaments at ambient temperature

The European Standard EN 1007-4:2004 has the status of a
British Standard

ICS 81.060.30

Confirmed September 2009

National foreword

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Summary of pages

This document comprises a front cover, an inside front cover, the EN title page, pages 2 to 13 and a back cover.

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This British Standard was published under the authority of the Standards Policy and Strategy Committee on 6 September 2005

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ISBN 0 580 46503 9

Amendments issued since publication

Amd. No.	Date	Comments

English version

**Advanced technical ceramics - Ceramic composites - Methods
of test for reinforcement - Part 4: Determination of tensile
properties of filaments at ambient temperature**

Céramiques techniques avancées - Composites
céramiques - Méthodes d'essai pour renforts - Partie 4:
Détermination des propriétés en traction du filament à
température ambiante

Hochleistungskeramik - Keramische Verbundwerkstoffe -
Verfahren zur Prüfung der Faserverstärkungen - Teil 4:
Bestimmung der Zugeigenschaften von Fasern bei
Raumtemperatur

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Foreword

This document (EN 1007-4:2004) 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of an identical text or by endorsement, at the latest by November 2004, and conflicting national standards shall be withdrawn at the latest by November 2004.

This document supersedes ENV 1007-4:1994.

This document includes a Bibliography.

EN 1007 'Advanced technical ceramics – Ceramic composites – Methods of test for reinforcements' has six parts :

- *Part 1: Determination of size content;*
- *Part 2: Determination of linear density;*
- *Part 3: Determination of filament diameter and cross-section area;*
- *Part 4: Determination of tensile properties of filament at ambient temperature;*
- *Part 5: Determination of distribution of tensile strength and of tensile strain to failure of filaments within a multifilament tow at ambient temperature;*
- *Part 6: Determination of tensile properties of filament at high temperature.*

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