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Standards

Irish Standard
I.S. EN 1007-7:2010 (AUG 2010)

Advanced technical ceramics - Ceramic composites - Methods of test for reinforcements - Part 7: Determination of the distribution of tensile strength and of tensile strain to failure of filaments within a multifilament tow at high temperature

I.S. EN 1007-7:2010 (AUG 2010)

Incorporating amendments/corrigenda issued since publication:

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Correction Notice

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With reference to the above, please include the following minor editorial correction(s) in the document related to:

the following language version(s) :

- English
- French
- German

for the following procedure :

- PQ/UQ
- Enquiry
- 2nd Enquiry
- Parallel Enquiry (ISO/ CEN Lead)
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- 2nd Parallel Formal Vote (ISO/ CEN Lead)
- UAP
- TC Approval
- 2nd TC Approval
- Publication
- Parallel Publication (ISO/ CEN Lead)

MH

It has been brought to our attention that this document, issued on **2010-07-07** (CEN Standards Publications Weekly Output Reference **2010/07/II**) requires modification.

In 8.5.7.2 a), replace cross reference "8.5.6.1" with "8.5.7.1".

In 8.5.7.2 b), replace cross reference "8.5.6.1" with "8.5.7.1" and " L_h is the length of the cold zone of L_f " with " L_h is the length of the uniformly heated zone of L_f ".

Please find enclosed the updated English version.

We apologise for any inconvenience this may cause.

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English Version

Advanced technical ceramics - Ceramic composites - Methods of test for reinforcements - Part 7: Determination of the distribution of tensile strength and of tensile strain to failure of filaments within a multifilament tow at high temperature

Céramiques techniques avancées - Céramiques composites - Méthodes d'essai pour renforts - Partie 7: Détermination de la distribution de la résistance en traction et de la déformation de traction à la rupture des filaments dans un fil à haute température

Hochleistungskeramik - Keramische Verbundwerkstoffe - Verfahren zur Prüfung der Faserverstärkungen - Teil 7: Bestimmung der Verteilung von Zugfestigkeit und Zugdehnung von Fasern im Faserbündel bei hoher Temperatur

This European Standard was approved by CEN on 4 June 2010.

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Foreword

This document (EN 1007-7:2010) 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 2011, and conflicting national standards shall be withdrawn at the latest by January 2011.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

This document supersedes CEN/TS 1007-7:2006.

EN 1007, *Advanced technical ceramics — Ceramic composites. Methods of test for reinforcements*, has been prepared in 7 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 filaments 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 filaments at high temperature;*
- *Part 7: Determination of the distribution of tensile strength and tensile strain to failure of filaments within a multifilament tow at high temperature.*

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