



National Standards Authority of Ireland

IRISH STANDARD

I.S. ENV 1006:2003

ICS 81.060.30

**ADVANCED TECHNICAL CERAMICS -
MONOLITHIC CERAMICS - GUIDANCE
ON THE SELECTION OF TEST PIECES FOR
THE EVALUATION OF PROPERTIES**

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*This Irish Standard was
published under the
authority of the National
Standards Authority of
Ireland
and comes into effect on:
July 30, 2003*

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Údarás um Chaighdeán Náisiúnta na hÉireann

EUROPEAN PRESTANDARD
PRÉNORME EUROPÉENNE
EUROPÄISCHE VORNORM

ENV 1006

March 2003

ICS 81.060.30

Supersedes ENV 1006:1993

English version

**Advanced technical ceramics - Monolithic ceramics - Guidance
on the selection of test pieces for the evaluation of properties**

Céramiques techniques avancées - Céramiques
monolithiques - Guide pour la sélection des éprouvettes
destinées à l'évaluation des propriétés

Hochleistungskeramik - Monolithische Keramik - Leitlinie
zur Auswahl von Proben für die Beurteilung von
Eigenschaften

This European Prestandard (ENV) was approved by CEN on 21 November 2002 as a prospective standard for provisional application.

The period of validity of this ENV 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 ENV can be converted into a European Standard.

CEN members are required to announce the existence of this ENV in the same way as for an EN and to make the ENV available promptly at national level in an appropriate form. It is permissible to keep conflicting national standards in force (in parallel to the ENV) until the final decision about the possible conversion of the ENV into an EN is reached.

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ENV 1006:2003 (E)

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Foreword

This document (ENV 1006:2003) has been prepared by Technical Committee CEN/TC 184, "Advanced technical ceramics", the secretariat of which is held by BSI.

This European Prestandard supersedes ENV 1006:1993 with improved attention to the machining of test pieces from larger items and with the addition of an informative annex dealing with general issues of proof testing.

In this European Prestandard the annex A is informative.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to announce this European Prestandard: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Slovakia, Spain, Sweden, Switzerland and the United Kingdom.

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Introduction

Advanced technical ceramics have a wide range of applications and functions, and in the as-manufactured condition have characteristics which require inspection by a variety of techniques not commonly adopted for other classes of material, e.g. mechanical proof testing.

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