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National Standards Authority of Ireland

IRISH STANDARD

I.S. ENV 658-4 : 1993

ICS 81.060

ADVANCED TECHNICAL CERAMICS – MECHANICAL PROPERTIES OF CERAMIC COMPOSITES AT ROOM TEMPERATURE. PART 4: DETERMINATION OF SHEAR STRENGTH BY COMPRESSION LOADING OF NOTCHED SPECIMENS

National Standards
Authority of Ireland
Dublin 9
Ireland

Tel: (01) 807 3800
Tel: (01) 807 3838

This Irish Standard was published under the authority of the National Standards Authority of Ireland and comes into effect on: June 1, 1993

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DECLARATION

OF

SPECIFICATION

ENTITLED

ADVANCED TECHNICAL CERAMICS – MECHANICAL PROPERTIES OF CERAMIC COMPOSITES AT ROOM TEMPERATURE – PART 4: DETERMINATION OF SHEAR STRENGTH BY COMPRESSION LOADING OF NOTCHED SPECIMENS

AS

THE IRISH STANDARD SPECIFICATION FOR

ADVANCED TECHNICAL CERAMICS – MECHANICAL PROPERTIES OF CERAMIC COMPOSITES AT ROOM TEMPERATURE – PART 4: DETERMINATION OF SHEAR STRENGTH BY COMPRESSION LOADING OF NOTCHED SPECIMENS

EOLAS - The Irish Science and Technology Agency in exercise of the power conferred by section 20 (3) of the Industrial Research and Standards Act, 1961 (No. 20 of 1961) and the Science and Technology Act, 1987 (No. 30 of 1987), and with the consent of the Minister for Enterprise and Employment, hereby declares as follows:

1. This instrument may be cited as the Standard Specification (Advanced Technical Ceramics – Mechanical Properties of Ceramic Composites at Room Temperature – Part 4: Determination of Shear Strength by Compression Loading of Notched Specimens) Declaration, 1993.

2. (1) The Specification set forth in the Schedule to this declaration is hereby declared to be the standard specification for Advanced Technical Ceramics – Mechanical Properties of Ceramic Composites at Room Temperature – Part 4: Determination of Shear Strength by Compression Loading of Notched Specimens. The Schedule comprises the text of ENV 658-4 : 1992.

(2) The said standard specification may be cited as Irish Standard/ENV 658-4 : 1993 or as I.S./ENV 658-4 : 1993.

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EUROPEAN PRESTANDARD

PRÉNORME EUROPÉENNE

EUROPÄISCHE VORNORM

ENV 658-4:1992

October 1992

UDC 666.7:620.176.25

Descriptors: Composite materials, reinforcing materials, ceramics, mechanical properties, determination, shear strength, notch strength, shear tests, environmental tests, test specimen

English version

Advanced technical ceramics - Mechanical properties of ceramic composites at room temperature - Part 4: Determination of shear strength by compression loading of notched specimens

Céramiques techniques avancées - Propriétés mécaniques des céramiques composites à température ambiante - Partie 4: Détermination de la résistance au cisaillement par compression d'éprouvette entaillée

Hochleistungskeramik - Mechanische Eigenschaften von keramischen Verbundwerkstoffen bei Raumtemperatur - Teil 4: Bestimmung der Scherfestigkeit unter Druckbelastung von gekerbten Proben

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