

STN	Letectvo a kozmonautika. Vláknové kompozitné materiály. Normalizácia mechanických vlastností materiálov s vysokým obsahom vlákien.	STN EN 3783 31 7605
------------	---	---------------------------------------

Aerospace series - Fibre composite materials - Normalisation of fibre dominated mechanical properties

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 12/13

Obsahuje: EN 3783:2013

EUROPEAN STANDARD

EN 3783

NORME EUROPÉENNE

EUROPÄISCHE NORM

August 2013

ICS 49.025.40

English Version

Aerospace series - Fibre composite materials - Normalisation of fibre dominated mechanical properties

Série aérospatiale - Matériaux composites à base de fibres
- Standardisation des caractéristiques mécaniques liées
aux fibres

Luft- und Raumfahrt - Faserverbundwerkstoffe -
Normierung von faserabhängigen mechanischen
Eigenschaften

This European Standard was approved by CEN on 8 May 2013.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CEN member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and United Kingdom.



EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

Management Centre: Avenue Marnix 17, B-1000 Brussels

Contents

Page

Foreword.....	3
1 Scope and field of application.....	4
2 Normative references	4
3 Principle.....	4
4 Designation	4
5 Procedure	5
6 Test report	6

Foreword

This document (EN 3783:2013) has been prepared by the Aerospace and Defence Industries Association of Europe - Standardization (ASD-STAN).

After enquiries and votes carried out in accordance with the rules of this Association, this Standard has received the approval of the National Associations and the Official Services of the member countries of ASD, prior to its presentation to CEN.

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 February 2014, and conflicting national standards shall be withdrawn at the latest by February 2014.

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.

According to the CEN-CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

1 Scope and field of application

This standard describes the procedure for normalisation of fibre dominated mechanical properties. The procedure is valid for carbon, glass and aramid reinforced laminates.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 2329, *Aerospace series — Textile glass fibre preimpregnates — Test method for the determination of mass per unit area*

EN 2557, *Aerospace series — Carbon fibre preimpregnates — Determination of mass per unit area*

EN 2564, *Aerospace series — Carbon fibre laminates — Determination of the fibre-, resin- and void contents*

koniec náhľadu – text ďalej pokračuje v platenej verzii STN