

<b>STN</b>	<b>Letectvo a kozmonautika</b> <b>Lamináty s uhlíkovým vláknom</b> <b>Stanovenie obsahu vlákna, živice a pórov</b>	<b>STN</b> <b>EN 2564</b>  31 7724
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Aerospace series - Carbon fibre laminates - Determination of the fibre, resin and void contents

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. 04/19

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EUROPEAN STANDARD

EN 2564

NORME EUROPÉENNE

EUROPÄISCHE NORM

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ICS 49.025.40

Supersedes EN 2564:1998

English Version

## Aerospace series - Carbon fibre laminates - Determination of the fibre, resin and void contents

Série aérospatiale - Stratifiés de fibres de carbone -  
Détermination de la teneur en fibres, en résine et du  
taux de porosité

Luft- und Raumfahrt - Kohlenstoffaser-Laminat -  
Bestimmung der Faser-, Harz- und Porenanteile

This European Standard was approved by CEN on 16 April 2018.

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.

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

**CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels**

**EN 2564:2018 (E)**

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## **European foreword**

This document (EN 2564:2018) 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of an identical text or by endorsement, at the latest by April 2019, and conflicting national standards shall be withdrawn at the latest by April 2019.

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 EN 2564:1998.

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, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and United Kingdom.

**EN 2564:2018 (E)****1 Scope**

This European Standard specifies the methods for determining the fibre content by volume and mass and, by correlation, the resin content by volume and mass and void content by volume, of carbon fibre laminates, for aerospace applications.

**2 Normative references**

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 2743, *Aerospace series — Fibre reinforced plastics — Standard procedures for conditioning prior to testing unaged materials*

ISO 1183, *Plastics — Methods for determining the density and relative density of non-cellular plastics*

ISO 10119, *Carbon fibre — Determination of density*

**koniec náhľadu – text ďalej pokračuje v platenej verzii STN**