

STN	Letectvo a kozmonautika. Príprava panelov zo živice zosilnených uhlíkovými vláknami na skúšobné účely.	STN EN 2565 31 7725
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Aerospace series - Preparation of carbon fibre reinforced resin panels for test purposes

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

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English Version

Aerospace series - Preparation of carbon fibre reinforced resin panels for test purposes

Série aéronautique - Préparation de panneaux à base de résine et fibres de carbone destinés à l'élaboration d'éprouvettes

Luft- and Raumfahrt - Herstellen von CFK-Prüfplatten

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

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Foreword

This document (EN 2565:2013) 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of an identical text or by endorsement, at the latest by February 2014, and conflicting national standards shall be withdrawn at the latest by February 2014.

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1 Scope

This European Standard describes the preparation of panels with any desired fibre orientation of unidirectional orientated carbon fibre or fabric with thermosetting resins.

The purpose of this standard is to describe recommended processes for the preparation of the panels from which test specimens subsequently are machined.

Standard specimens prepared in this manner may be used either for evaluating the components i.e. the carbon reinforcement, finishes, resins, catalysts, curing agents, etc. or for verifying the overall quality of the finished products.

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

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

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