

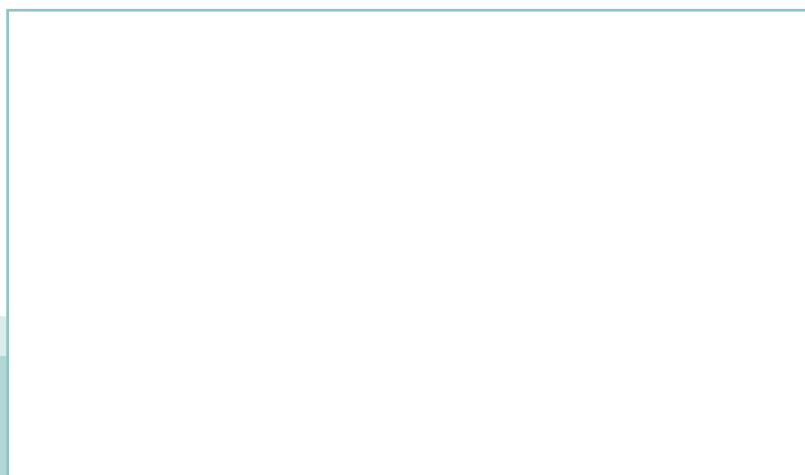
SVENSK STANDARD

SS-EN 2833-005:2013



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Aerospace series – Glass fibre thermosetting preimpregnates – Technical specification – Part 005: Glass fabric/phenolic resin preimpregnate



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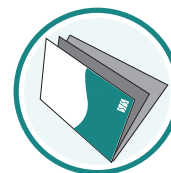
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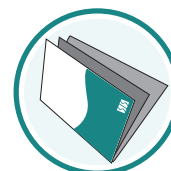
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The European Standard EN 2833-005:2013 has the status of a Swedish Standard. This document contains the official version of EN 2833-005:2013.

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EUROPEAN STANDARD

EN 2833-005

NORME EUROPÉENNE

EUROPÄISCHE NORM

August 2013

ICS 49.025.40

English Version

**Aerospace series - Glass fibre thermosetting preimpregnates -
Technical specification - Part 005: Glass fabric/phenolic resin
preimpregnate**

Série aérospatiale - Préimprégnés de verre textile/résine
thermodurcissable - Spécification technique - Partie 005 :
Verre textile/résine phénolique préimprégnés

Luft- und Raumfahrt - Warmhärtbare Glasfaser - Prepregs -
Technische Lieferbedingungen - Teil 005: Gewebe -
Prepregs aus Glasfaser und Phenolharz

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

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Foreword

This document (EN 2833-005:2013) 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.

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1 Scope

This standard specifies the requirements for glass fabric/phenolic resin preimpregnates.

It shall be used together with EN 2833-1.

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 2155-12 *Aerospace series — Test methods for transparent materials for aircraft glazing — Part 12: Determination of linear thermal expansion*

EN 2377 *Aerospace series — Glass fibre reinforced plastics — Test method — Determination of apparent interlaminar shear strength*

EN 2379 *Aerospace series — Fluids for assessment of non-metallic materials*

EN 2489 *Aerospace series — Fibre reinforced plastics — Determination of the action of test fluids*

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

EN 2824 *Aerospace series — Burning behaviour of non-metallic materials under the influence of radiating heat and flames — Determination of smoke density and gas components in the smoke of materials — Test equipment, apparatus and media*

EN 2825 *Aerospace series — Burning behaviour of non-metallic materials under the influence of radiating heat and flames — Determination of smoke density*

EN 2826 *Aerospace series — Burning behaviour of non-metallic materials under the influence of radiating heat and flames — Determination of gas components in the smoke*

EN 3783 *Aerospace series — Fibre composite materials — Normalization of fibre dominated mechanical properties*

EN 3844-1 *Aerospace series — Flammability of non-metallic materials — Part 1: Small burner test, vertical — Determination of the vertical flame propagation*

EN 38344-2 *Aerospace series — Flammability of non-metallic materials — Part 2: Small burner test, horizontal — Determination of the horizontal flame propagation*¹⁾

EN 3844-3 *Aerospace series — Flammability of non-metallic materials — Part 3: Small burner test, 45 — Determination of the resistance of material to flame and glow propagation and to flame penetration*

ISO 1183-2 *Plastics — Methods for determining the density of non-cellular plastics — Part 2: Density gradient column method*

ISO 1889 *Reinforcement yarns — Determination of linear density*

ISO 3572 *Textiles — Weaves — Definitions of general terms and basic weaves*

prEN 2823 *Aerospace series — Fibre reinforced plastics — Determination of the effect of exposure to humid atmosphere on physical and mechanical characteristics*¹⁾