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Standards

Irish Standard
I.S. EN 2833-005:2013

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

I.S. EN 2833-005:2013

Incorporating amendments/corrigenda/National Annexes issued since publication:

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English Version

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

Série aéronautique - 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.

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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of an identical text or by endorsement, at the latest by February 2014, and conflicting national standards shall be withdrawn at the latest by February 2014.

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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⁾

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