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**Carbon fiber composite materials - Code of practice for test
specimen tabbing**

碳纤维复合材料 测试试样用加强片粘贴规程

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Table of Contents

Foreword

1 Scope

2 Normative references

3 Terms and definitions

3.1 Test panel

3.2 Peelply

3.3 Specimen

4 Equipment and Materials

4.1 Cutting equipment

Foreword

This document is in accordance with the provisions of GB/T 1.1-2020 "Guidelines for standardization work Part 1: Structure and drafting rules for standardization documents" Drafting.

Please note that some of the contents of this document may involve patents. The issuing organization of this document does not assume the responsibility for identifying patents.

This document is proposed and coordinated by the National Carbon Fiber Standardization Technical Committee (SAC/TC572).

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Reinforcement sheet for carbon fiber composite material test specimens Pasting procedures

1 Scope

This document establishes the bonding procedure for reinforcing sheets for carbon fiber composite test specimens and specifies the Equipment and materials for reinforcing sheet pasting, requirements for reinforcing sheet and adhesive, as well as sample/test board inspection, reinforcing sheet preparation, bonding surface treatment, and adhesive bonding. The process of adhesive preparation, adhesive reinforcement sheet attachment, adhesive curing and specimen cutting is described, and the verification of the quality requirements of the test specimen after the reinforcement sheet is attached is described. method.

This document applies to the bonding of reinforcement sheets for tensile and compression test specimens of carbon fiber composite materials.

2 Normative references

GB/T 2943

GB/T 40724

3 Terms and definitions

The terms and definitions defined in GB/T 2943 and GB/T 40724 and the following apply to this document.

3.1 Test panel

Composite material flat plate used for sample processing after curing and demolding.

3.2 Peelply

Co-cured with the composite surface, used to protect the composite bonding surface, and does not contain any migrating chemical release agents.

Note. Peel it off before bonding to obtain a clean bonding surface with clear texture.

[Source. GB/T 40724-2021, 5.79]

3.3 Specimen

Samples processed for testing according to the test method requirements.

[Source. GB/T 40724-2021, 7.50, modified]

4.1 Cutting equipment

For the selection of cutting equipment for cutting test panels or specimens, see Appendix A.