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**NATIONAL STANDARD OF THE
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Carbon fiber spread-tow woven fabric

碳纤维展宽丝束机织物

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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 Technical Committee on Carbon Fiber Standardization (SAC/TC 572).

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Carbon fiber spread tow woven fabric

1 Scope

This document specifies the classification and marking, product specifications, technical requirements, Test methods, inspection rules, as well as marking, packaging, transportation and storage.

This document applies to flat weaving machines where the warp and/or weft yarns are made of carbon fiber stretched tow with the same manufacturer's mark and the same specifications Fabric.

2 Normative references

GB/T 191

GB/T 7689.2-2013

GB/T 7689.3

GB/T 7689.5-2013

GB/T 9914.3

GB/T 14801

GB/T 18374

GB/T 40724

3 Terms and definitions

The terms and definitions defined in GB/T 18374 and GB/T 40724 and the following apply to this document.

3.1 Spread

A method of spreading the filaments in a tow into wider filaments.

3.2 Two-directional fabric

A flat woven fabric formed by two sets of yarns interwoven perpendicularly to each other.

3.3 Overlapping warp

A joint method in which the broken warp yarns are joined together by overlapping and gluing each other.

3.4 gap between the warp

Gaps are caused by warp yarns not being arranged closely together.

3.5 gap between the weft

Gaps are caused by the weft yarns not being arranged closely together.

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