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**Greenhouse gas - Quantification method and requirements for
carbon footprint of products - Man-made fibres**

温室气体 产品碳足迹量化方法与要求 化学纤维

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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.

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Greenhouse gas product carbon footprint quantification methods and requirements
Chemical Fiber

1 Scope

This document specifies the scope, purpose, scope, inventory analysis, impact, and other aspects of the carbon footprint quantification method and requirements for chemical fiber products.

Impact assessment, result interpretation and partial carbon footprint reporting of products, etc.

This document is applicable to chemical fiber products such as polyester, nylon, viscose, spandex, acrylic, polypropylene, vinylon, ultra-high molecular weight polyethylene fiber, etc.

Quantification and reporting of the carbon footprint of some products.

This document does not apply to recycled polyester, recycled nylon, recycled polypropylene and other recycled chemical fibers.

The exchange of information on the carbon footprint of consumption and product parts is outside the scope of this document.

2 Normative references

GB/T 4146

GB/T 24040-2008

GB/T 24044-2008

GB/T 24067

GB/T 32150-2015

3 Terms and definitions

GB/T 4146 (all parts), GB/T 24040-2008, GB/T 24044-2008, GB/T 24067, GB/T 32150- For this document, the terms and definitions defined in ISO /T S14027 2015 and ISO /T S14027 2017 and the following terms and definitions apply.

3.1 Chemical fiber man-made fiber; chemical fiber

Chemical Fiber Artificial fibers other than natural fibers.

Note. Chemical fibers are divided into recycled fibers, synthetic fibers and inorganic fibers.

[Source. GB/T 4146.2-2017, 2.1]

3.2 Carbon footprint of a product; CFP

The sum of greenhouse gas emissions and greenhouse gas removals in the product system, expressed in carbon dioxide equivalent, based on the climate change Life cycle assessment is conducted for a single environmental impact type.

[Source. GB/T 24067-2024, 3.1.1]