

ICS 13.060.25

CCS P41



**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 18916.50-2020

Norm of water intake - Part 50: Polyester product

取水定额 第50部分：聚酯涤纶产品

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Foreword

GB/T 18916 "Water Quota" has been or is planned to be released The following parts.

- Part 1. Thermal power generation;
- Part 2. Steel complexes;
- Part 3. Petroleum refining;
- Part 4. Cotton printing and dyeing products;
- Part 5. Paper products;
- Part 6. Beer manufacturing;
- Part 7. Manufacture of alcohol;
- Part 8. Synthetic ammonia;
- Part 9. MSG manufacturing;
- Part 10. Pharmaceutical products;
- Part 11. Coal preparation;
- Part 12. Alumina production;
- Part 13. Ethylene production;

1 Scope

GB/T 18916.50-2020 is the Chinese national standard on norm of water intake - part 50: polyester product, in the field of environment and health protection, safety. The /T suffix marks it as a recommended standard: it is not compulsory by itself, but it becomes binding as soon as a contract, a tender or a customer specification calls it up - which in practice is how most foreign buyers meet it. It was issued on 31 March 2020 by the State Administration for Market Regulation; Standardization Administration of China, and has

been in force since 1 October 2020. Classification: ICS 13.060.25, CCS P41. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

This part of GB/T 18916 stipulates the calculation method, quota and management requirements of the water withdrawal quota for polyester products. This part is applicable to the management of water intake of existing, new construction and reconstruction and expansion of fiber-grade polyester and polyester fiber production enterprises.

2 Normative references

The following documents are essential for the application of this document. For dated references, only the dated version applies to this article Pieces. For the cited documents without date, the latest version (including all amendments) applies to this document.

GB/T 4146.1 Textile Chemical Fibers Part 1. Generic Name

GB/T 4146.2 Textile Chemical Fibers Part 2. Product Terminology

GB/T 8960 polyester drawn yarn

GB/T 12452 General Rules for Enterprise Water Balance Test

GB/T 14189 Fiber grade polyester chips (PET)

GB/T 14464 polyester staple fiber

GB/T 16604 Polyester industrial filament

GB/T 18820 General rules for the preparation of water withdrawal quotas for industrial enterprises

GB/T 21534 Terminology for industrial water saving

GB 24789 General rules for the allocation and management of water measuring instruments for water users FZ/T 54003 polyester pre-oriented yarn

3 Terms and definitions

GB/T 4146.1, GB/T 4146.2, GB/T 8960, GB/T 14189, GB/T 14464, GB/T 16604, GB/T 18820, The terms and definitions defined in GB/T 21534 and FZ/T 54003 apply to this document.

4.1 General provisions

4.1.1 Water intake range The range of water withdrawal refers to the amount of water

extracted by the enterprise from various conventional water sources, including surface water (measured by the water supply of the water purification plant), groundwater, and urban The amount of water supplied by the town's water supply project and other water or water products (such as steam, hot water, geothermal water, etc.) purchased by the enterprise from the market.

4.1.2 Supply range of water withdrawal The supply range of polyester polyester product water intake includes. main production (polymerization, spinning winding, filter and component cleaning, physical inspection and testing Process), auxiliary production (soft water station, boiler room, air compressor station, sewage station, air conditioning unit, etc.) and ancillary production (office building, canteen, bathroom, factory Inner dormitory, plant greening, etc.).