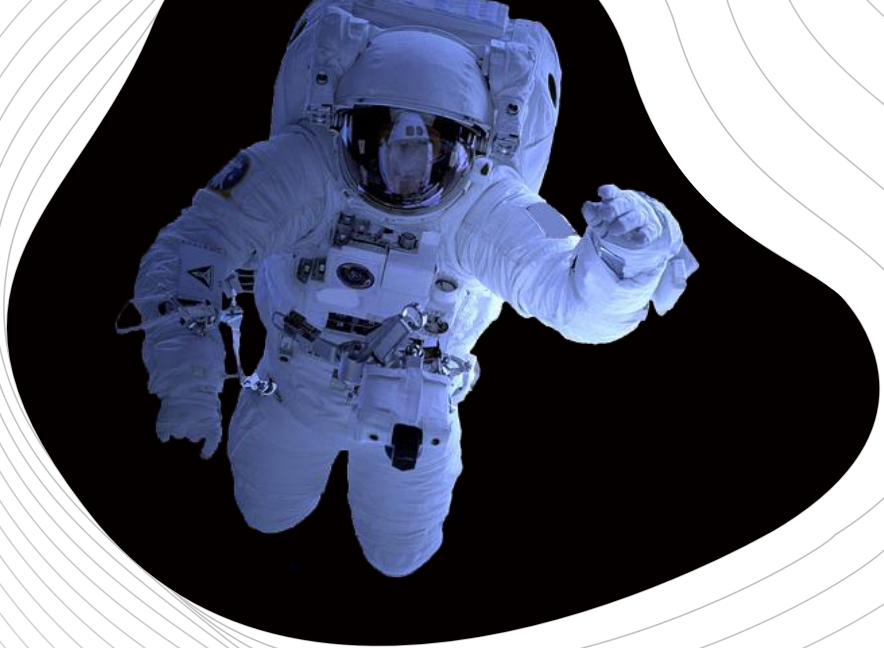


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# QingFeng

*Space dream leads innovation*



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Qing feng  
Introduction

02

Aerogel fibers  
Attributes

03

Aerogel fibers  
Application scenarios

04

Expectation  
cooperative prospects



# Qingfeng

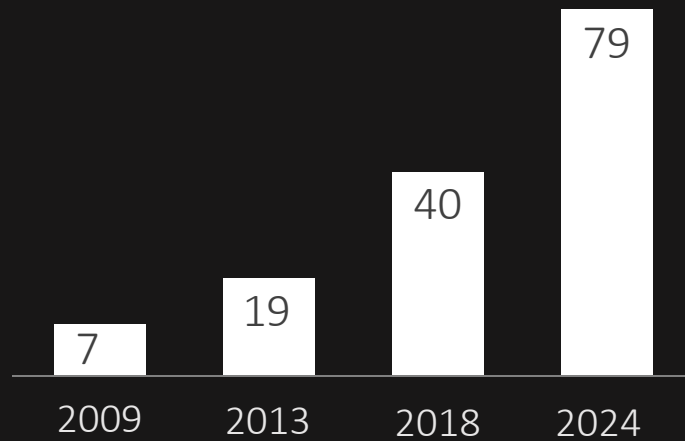
ABOUTUS

Jiangyin Qingfeng Chemical Fiber Co., Ltd. was established in 2005 and has been dedicated to the manufacturing and research and development of functional polyester fibers. It started the research and development of aerogel fibers in 2019 and began to transform from laboratory research to industrial production in the workshop in 2023.

Currently, the company has independently developed four major series of products, namely aerogel fiber, aerogel filler, aerogel yarn and aerogel cloth. In the future, these products will be widely applied in industries such as textile, apparel, home textile and woolen textile.



# Qingfeng & Intellectual property



## Patent

30 invention patents granted and utility model patents.

## Brand

40 trademarks and copyrights and other brand reserves.

## System

9 internal systems for production, management and operation.



# Some products of Qingfeng

Qingfeng independently researches and develops aerogel fibers, aerogel cloud-velvet particles and aerogel silk-like velvet products. For more products, please email our customer service staff.

**Product photos**



**aerogel fibers**



**Aerogel cloud-velvet granules.**



**Aerogel silk-like cotton.**



# Properties of Aerogel

Aerogel is a translucent, nanoscale porous material as light as "solid smoke". It has extremely low density, a huge specific surface area, low thermal conductivity, good thermal stability, unique acoustic properties, excellent optical properties, special effects on infrared and visible light, certain chemical stability and antioxidant properties. Its mechanical properties are special, being highly brittle yet can gain flexibility and strength after treatment. It has broad application prospects in numerous fields.

Extremely low density

super sponge

Best heat-insulating solid

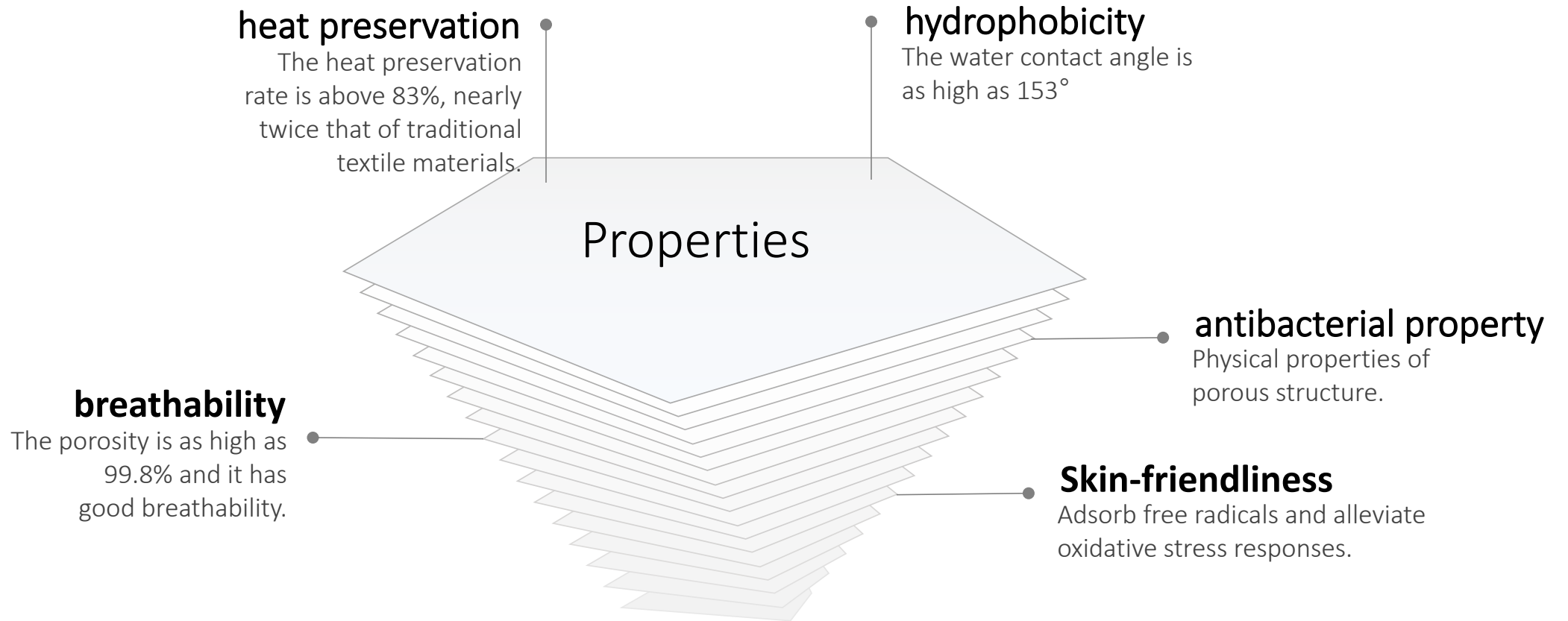
antioxidant property

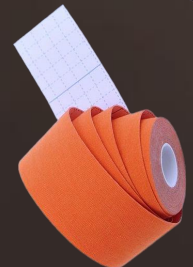
Broad application prospects



# Properties of aerogel fibers

In the textile field, aerogel fibers possess the following twelve characteristics: thermal insulation, low density, flexibility, breathability, hydrophobicity, biocompatibility, sound absorption, flame retardancy, stability, radiation protection, antibacterial property and skin-friendliness. They show great potential in enhancing the performance and functionality of textiles.





Application

areas

Special fields

Civilian sector

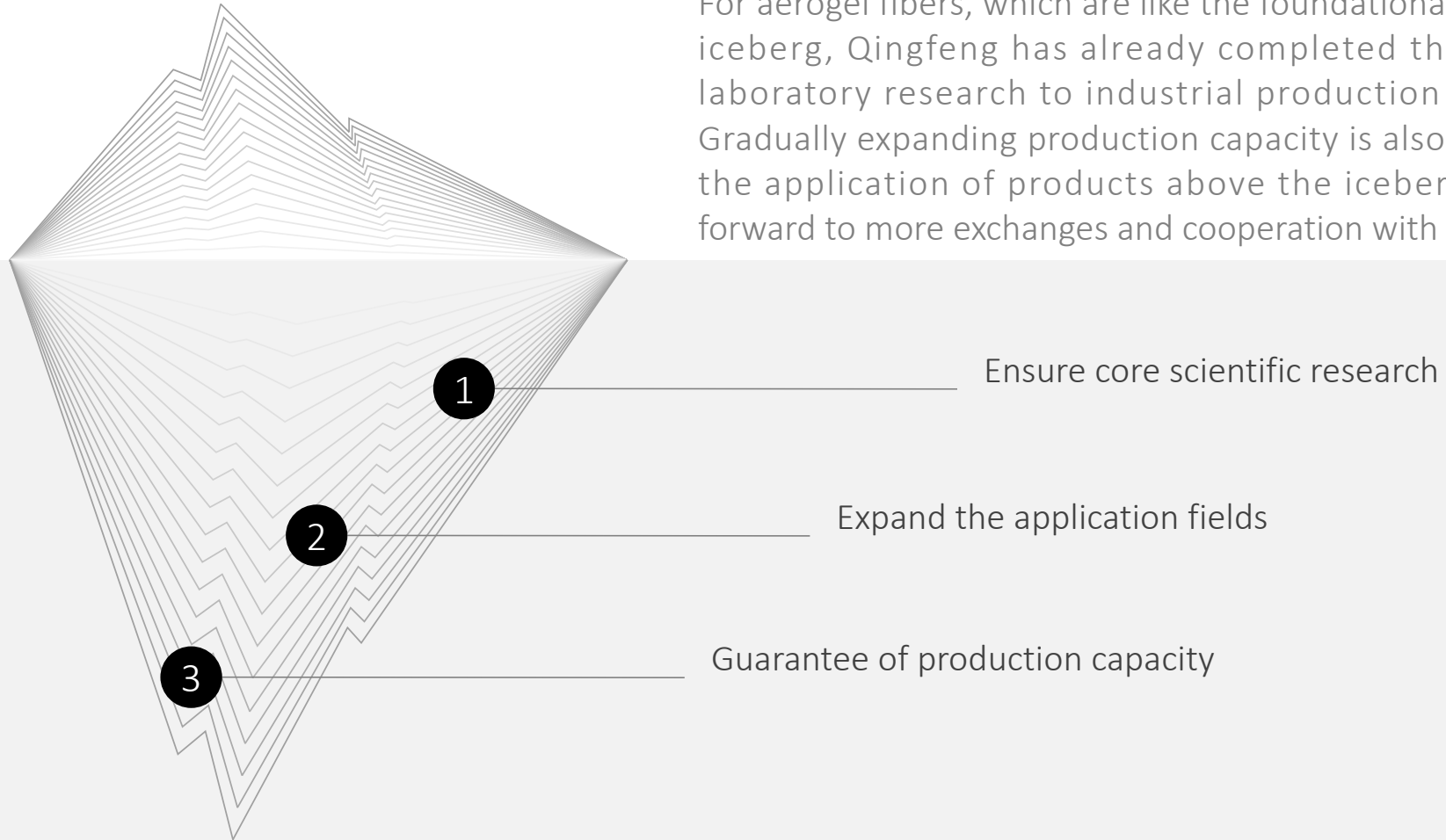






# Win-win cooperation

For aerogel fibers, which are like the foundational work beneath the iceberg, Qingfeng has already completed the transition from laboratory research to industrial production in the workshop. Gradually expanding production capacity is also in our plan. As for the application of products above the iceberg, we are looking forward to more exchanges and cooperation with you all. Thank you.





# Prospects and challenges

“Challenges are what make life interesting and overcoming them is what makes life meaningful.”

100%

## **Qingfeng**

Full guarantees for research and development, production, quality control and other aspects.



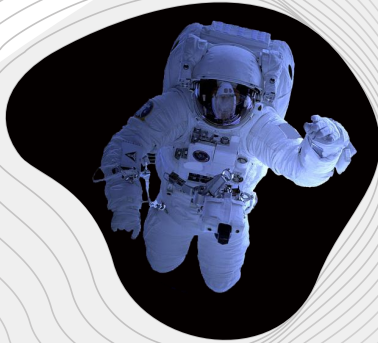
Bring about



100%

## **alliance cooperation**

Deep cooperation with market partners to jointly promote industrial upgrading and expand market applications.



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**THANKS**

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