



# yarns

by barnet



## ABOUT BARNET

# we are barnet and this is what we do.

## CLOSE TO THE MARKET

### from trader to producer

Since the foundation by William Barnet II in 1898, Barnet has traditionally been a classic trading company with a global network that has grown over decades. During this period, Barnet has continuously expanded its activities and markets, and gradually developed into a manufacturing company.

Today, we are producing shortcut and staple fibers but also recycled high-performance fibers and the patented anti-static yarn nega-stat®. The traditional trading of various fibers as well as industrial, textile and technical yarns is still a central part of Barnet's business activities.

Over the years, the job profile of our sales staff has also changed. While our main activity used to be almost exclusively the buying and selling of fibres, polymers and yarns, technical matters have increasingly come into focus. Today, we closely accompany our customers in the development process of new products if required.

Due to constant in-house quality controls, material testing and close cooperation with research institutes in the textile sector, we are able to offer reliable products and services. This can range from supplying standard, customized or redefined specialties for high-end textile applications to being your partner for innovative developments.

**Modernity and continuous development of the portfolio make Barnet a reliable and flexible partner to this day; always focusing on the needs of the world markets.**





# 1898

Founding of the **company**



# 1970s

Purchase of **Arcadia site**, which remains company **headquarters** until today



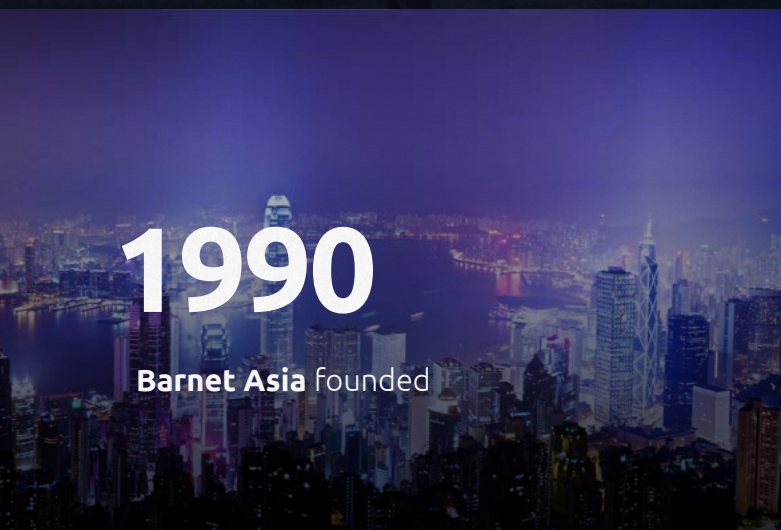
# 1979

Acquisition of **PCW plant** in **Kinston**



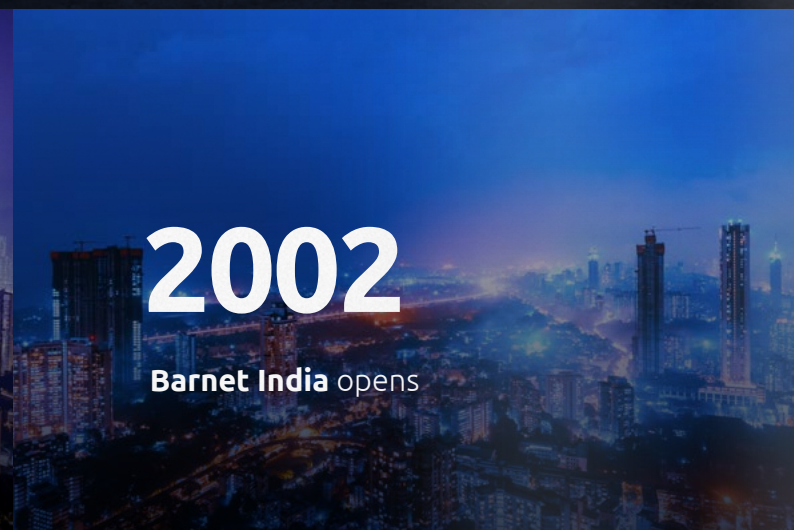
# 1990

Company purchases **Cherotan Fibres**, which becomes **Barnet Europe** in 1995



# 1990

**Barnet Asia** founded



# 2002

**Barnet India** opens



# 2003

**Barnet Trading sales office** opens in **Shanghai**



# 2012

**Barnet Fibers Manufacturing** opens in **Qingpu, China**



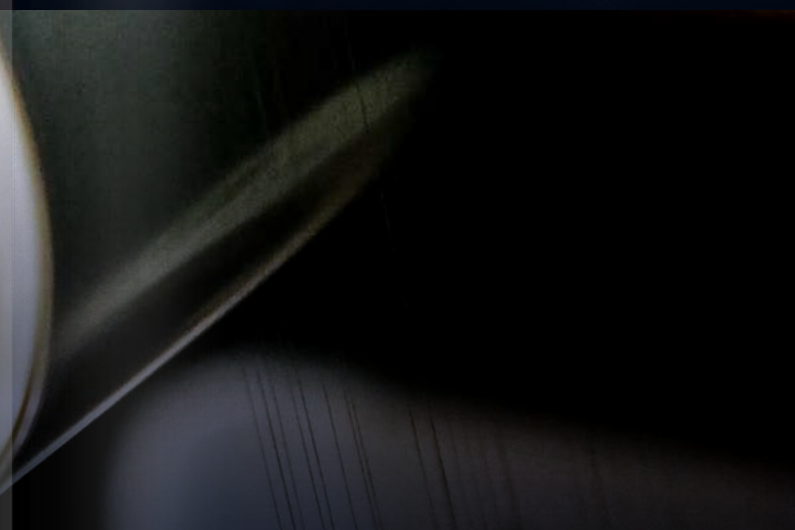
# 2017

Acquisition of **The Davy Group** under **Barnet Europe**



# 2020

New production facility for **nega-stat®**



# 2023

**125th anniversary**



**2.000**  
CUSTOMERS



**50**  
COUNTRIES

**35.000**  
TONS  
INHOUSE  
PRODUCTION

**250**  
MILLION  
DOLLAR  
TURNOVER



**500**  
EMPLOYEES  
WORLDWIDE

**80.000**  
TONS  
ANNUALLY

**8** LOCATIONS  
ON FOUR  
CONTINENTS

**165.000 m<sup>2</sup>**  
MANUFACTURING  
AND WAREHOUSE





# intelligent materials



VERSATILE POSSIBILITIES

## fibers

Our fibers have been used in the textile and paper industry for decades due to their consistent quality. We offer a wide range of products for any kind of application.



EXTRAORDINARY PROPERTIES

## high-performance fibers

Thanks to a large selection of different materials, the right fiber performance is available for every requirement.



BROAD PORTFOLIO

## yarns

Our textile and technical high-tenacity multifilament yarns offer a broad portfolio for all imaginable areas of application, such as fabrics, nets, ropes, round slings, etc.



CIRCULARITY AT ITS BEST

## polymers

Our recycled polymers fully meet the requirements of sustainability in the production of thermoplastic packaging or textile products.



THE DEFINING STANDARD  
IN STATIC DISSIPATIVE YARNS

## nega-stat®

nega-stat® yarns are used in products and industrial end-uses, both, where full grounding is essential and/or in industrial applications where it is not possible to ensure complete grounding.

YOUR  
POSSIBILITIES

## product range

- Polyester
- Polyamide 6
- Polyamide 6.6
- Polypropylene
- Viscose
- Para-Aramid
- Meta-Aramid
- HMPE
- PPS
- LCP
- PEEK
- Polyimide
- Novoloid
- PBO
- PAN
- OPAN
- barnet-carbon®



- Acoustic
- Hygiene & Medical
- Composites
- Marine
- Filtration
- Textiles
- Public Transportation
- Electrical
- Thermal Insulation
- Automotive
- Equestrian
- Food
- Industrial
- PPE & Apparel
- Construction



#### APPLICATIONS

Scan the QR-Code for detailed  
Information about **barnet's**  
yarn applications.

UNLIMITED POSSIBILITIES

# a wide range of applications

**Barnet** delivers reliable quality into numerous core industries around the world. Our extensive yarn portfolio contains a large variety of types and counts which are available in a vast range of make-ups and processing options.

**Barnet's** sales team provides both technical skills and global market knowledge to our industrial partners.

We make things possible. Challenge us for your individual solution.

**Our customized yarns can be individually developed and produced according to predefined properties based on the performance of the end product.**



## INDUSTRIAL & TEXTILE YARNS

# variety in make-up and color

We are distributing, trading & processing various standard multifilament yarns in **PET**, **PA6**, **PA66**, **PP** and **Viscose**.

Our focus is on **HT** (high tenacity), **FDY** (fully drawn yarns), **POY** (partially oriented yarns) and **DTY/ATY** (texturized yarns) which are available in first grade quality but also in different quality levels, in various colors or as recycled yarns.

We offer different options like regular, low or high shrink versions and added functions like flame retardancy, UV stabilisation, heat resistance or FDA approval.

Customized make-ups for different applications are also available.

Challenge us on product developments. We are here for you at an early stage of your product innovation and development.



Scan the QR-Code  
for detailed Information  
about our **yarn range**.





HIGH-PERFORMANCE YARNS

# specialties for high-tech applications

One focus at Barnet is on technical solutions for various applications with short lead times and warehouse service.

Therefore we are able to offer a wide range of high-performance yarns such as **Para-Aramid, Meta-Aramid, HMPE**, and other specialties like **PPS, PEEK, LCP** as multifilament or spun-yarn.

They are available in first grade and in other quality levels, in colors or some even as recycled yarns.

In a close cooperation with our partners we offer customized product solutions. **Challenge us on product developments!**



Scan the QR-Code  
for detailed information  
about our **yarn range**.





# OUR SPECIALTIES processing

## DEVELOPMENT PARTNERS customized solutions

Our strength is to upgrade or upcycle yarns for customized end-uses.  
We offer various processing options:

- **Sorting**
- **Splicing**
- **Plying**
- **Twisting**
- **Beaming**
- **Dyeing**
- **Texturizing**

### DEVELOPMENT PARTNERS

We are also able to accompany product developments at an early stage and to customize the yarns with the best performance for the desired application according to the requirements of our customers.

### RELIABLE QUALITY

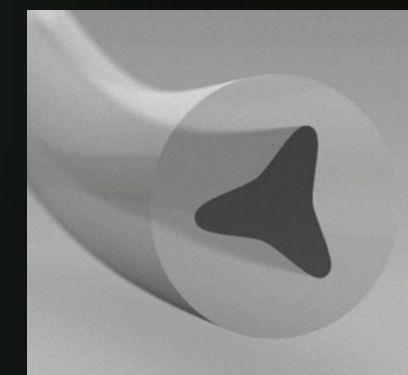
Quality assurance is always extremely important to us. We check our products' properties regularly with specific tests in our laboratory. However, we can also offer verification by an external, independent partner institute.



# the defining standard in static dissipative yarns

**nega-stat® P190** is a fine-filament bi-component yarn. Each filament has a unique, trilobally shaped conducting core surrounded by a sheath of Polyester.

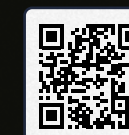
**nega-stat®** is introduced into textile materials in a defined grid and stripe patterns to provide optimum protection in a wide range of industrial end-use situations against the risks and hazards caused by static electricity.



**nega-stat®** yarns are used in products and industrial end-uses, both, where full grounding is essential and/or in industrial applications where it is not possible to ensure complete grounding.

Fabrics containing **nega-stat® P190** provide optimum performance in a wide range of end-uses from cleanroom clothing to car upholstery; from bedding to FR protective clothing and from bacterial control clothing to copier brushes.

A range of **nega-stat®** yarns are offered to complement **nega-stat® P190** where a specific end-use performance or characteristic is required.



Scan the QR-Code for detailed Information about the **nega-stat®**.



# SUSTAINABILITY recycling is in our DNA

“Sustainability is not a marketing tool that barnet has introduced; **it is our business model in action - since 1898.**”



Sustainability is primarily defined by Barnet as reducing the amount of raw material residues that end up in our landfills, pollute air and water or increase our dependence on fossil fuels. Post Consumer Waste and Post Industrial Waste such as by-products from fibers, yarns and the polymer industry are getting a second life by redefining their usability.

Barnet's history began with the recycling of production waste and wool residues from the cotton industry, thus designing a sustainable and still relevant business model at a time when the word „recycling“ did not yet exist.



SUSTAINABILITY

# more than reducing the amount of waste

17 united nations sustainability goals (SDGs) were set to achieve a better and more sustainable future for all; everyone needs to contribute. Our business culture and activities support the following SDGs which apply, above all, to the issues of environmental protection as well as respectful and fair coexistence.



**WE CARE FOR  
OUR EMPLOYEES.**

Supporting an injury free work environment with a strong focus on minimizing risks and create preventive actions.



**CONTINUING EDUCATION**

Employees are trained internally on a variety of topics to enable them performing their job, but are also offered external training possibilities to expand capabilities and knowledge



**SECURE JOBS IN A SAFE  
ENVIRONMENT, GLOBALLY**

Our business model is laid out to generate sustainable growth. We enable our employees to work in a safe and respectful environment.



**INTELLIGENT  
MATERIALS CONCEPT**

Seeing the possibilities in every kind of material – Creating alternatives – dealing with the unexpected – providing solutions – thinking without limits



**RECYCLING IS IN OUR DNA**

Next to our Intelligent Materials Concept, minimizing waste generated in our own production by re-use is a fixed part of our working concept



**STRONG PARTNERSHIPS  
FOR A BETTER FUTURE**

Active participation in cross-industry collaborations on recycling and renewable material topics

**"We continue to challenge ourselves to  
further increase our contribution to the  
global goals."**



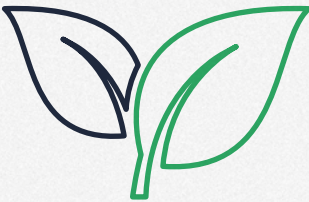
# THE SUSTAINABLE CHOICE

Since 2022, our new brand **ecoware**® is, underlining our focus on sustainability.

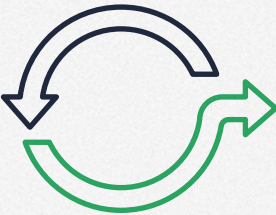
**ecoware**® products must meet certain clearly defined characteristics in order to satisfy our requirement for a sustainable product portfolio.

The **ecoware**® product range will grow continuously and will be adapted and expanded according to our customers' needs.

Products with the **ecoware**® label fulfill at least one of the following criteria:



**bio-based**  
reduce products based on fossil fuel and increase the use of products from sustainable raw material sources



**open loop**  
creating a second life or second application using the remaining performance and value of a material, thus creating products with low CO2 footprints



**back to nature**  
increase the quantity of materials that degrade under certain conditions and within a certain period of time



# get in touch!

## THE INTELLIGENCE OF MATERIALS

### recognizing opportunities and benefits

We follow our conviction that every material – be it first grade, off-grade or textile waste – has its own inherent potential. The art is to recognize and optimally use this potential. Thanks to our many years of experience we know how to ideally exploit this intelligence of the material to produce high-quality first grade products or recycled types.

## QUALITY CONTROL

### barnet labs

Our laboratory closely monitors the material quality throughout the entire production process, from the raw material to the finished product. Like this, we ensure a consistent quality for all our materials and thus enable reliable production processes for our customers. In addition, we maintain a close co-operation with independent, external laboratories.

## COMMISSION PROCESSING

### customer service

We are also the right partner for subcontracting a wide range of manufacturing processes. Contact us to find the right solution for your material. Our processes can help to adopt a circularity approach to your product range, adding value to your materials and making your company greener.

## YOUR SOLUTION-PROVIDER

### barnet - more than just a supplier of raw materials

You need technical advice on how to achieve certain product properties? You want to actively improve your product or pay more attention to sustainability? You want to sell your off-grades or old stock?

We think outside the box. That is why we are an effective and reliable problem solver to our customers and suppliers. Let your challenge become our challenge. Tell us your needs, we will find the right solution for you.

## challenge us!

get in  
touch





# LOCATIONS

# on site worldwide

BARNET EUROPE

BARNET NORTH AMERICA

BARNET CHINA

BARNET INDIA

## barnet north america

### HEAD OFFICE

**William Barnet & Son, LLC**  
1300 Hayne Street, Spartanburg,  
South Carolina 29301, USA  
Tel: +1 (864) 576 7154  
Fax: +1 (864) 576 3406  
[sales@barnet.com](mailto:sales@barnet.com)

### PRODUCTION & WAREHOUSE

Arcadia Plant  
Spartanburg, South Carolina  
Kinston Plant  
Kinston, North Carolina  
Savannah Plant  
Savannah, Georgia

## barnet europe

### HEAD OFFICE

**W. Barnet GmbH & Co. KG**  
Eisenbahnweg 24  
52068 Aachen, Germany  
Tel: +49 (241) 579 80  
Fax: +49 (241) 579 827  
[sales@barnet-europe.com](mailto:sales@barnet-europe.com)

### PRODUCTION & WAREHOUSE

W. Barnet GmbH & Co. KG  
Aachen, Germany  
Prefil AG  
Raeren, Belgium  
UK Warehouse  
Bradford, United Kingdom

## barnet india

### HEAD OFFICE

**barnet india marketing  
and distribution LLP**  
303, Kshamalaya Building,  
37, New Marine Lines,  
Above Canara Bank,  
Mumbai-400020, India  
Tel: +91 (22 66) 366 681  
Tel: +91 (22 66) 366 683  
Fax: +91 (22 66) 366 682  
[sales@barnet-india.com](mailto:sales@barnet-india.com)

## barnet china

### HEAD OFFICE

**Barnet Trading Co., Ltd.**  
Room 1706-1707, Tower B  
The Place  
No. 100 Zunyi Road, Shanghai  
China Zip: 200051  
Tel: (+86) 2 162 371 822  
Fax: (+86) 2 151 010 069  
[sales@barnet-pacific.com](mailto:sales@barnet-pacific.com)

### PRODUCTION & WAREHOUSE

Barnet Fibers Shanghai Co. Ltd.  
Shanghai, China



# barnet



**barnet.com**



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