

Pioneering Sustainable Excellence in Textiles



baumbio



A TEXTILE REVOLUTION WITH BAUMBIO

In the vast realm of woven textile fabrics, baumbio stands as a beacon of sustainable excellence, weaving a rich tapestry of innovation and commitment to quality. Beyond offering diverse woven fabrics like Cotton Percale/Satin/Poplin, Polyester Twill, Nylon Ripstop, Canvas Duck, Baumbio has extended its expertise to meticulously crafted yarns.



*deep dive into our journey of sustainable excellence,
unveiling the intricate details of both our woven fabrics and
groundbreaking yarn offerings.*





COTTON YARN: CRAFTING COMFORT AND SOPHISTICATION

baumbio's Cotton Yarn stands as a masterpiece, meticulously blending fineness to achieve the perfect equilibrium of softness and strength. This exquisite yarn finds its home in both apparel, home , technical and medical textiles.

Applications:

Apparel: Elevate your clothing line with garments that offer breathable comfort and finesse.

Home Textiles: Luxuriate in opulent bed linens, plush towels, and more, bringing sophistication to everyday living.

baumbio's Commitment:

- *Impeccable blend of softness and strength.*
- *Ideal for apparel and home textiles.*



b aumbio is dedicated in producing high-quality cotton yarn, including carded, combed, and compact varieties, both ring spun and open end.



“For our open-end yarns, we adhere to strict guidelines, utilising only Grade 1 cotton fibers without any cotton waste, ensuring superior quality.”





Our focus lies in ensuring staple length and yarn quality that not only meet stringent standards but also contribute to competitive pricing structures. Here are some of our highlighted offerings:

- 100% cotton combed compact yarn ranging from Ne 20/1 to Ne 36/1 for knitting.
- Open-end yarn options including Ne 10/1, Ne 12/1, Ne 20/1, and Ne 30/1 suitable for weaving and knitting.



Additionally, we have specific fabric purchase requirements tailored to meet various needs, including percale and OE fabrics.





Our main product range includes grey cotton in combed and compact forms, tailored for the German market, with applications spanning weaving, knitting, and hosiery. We offer a diverse range of products, from standard to specialized yarns, including those made with imported and unconventional cotton varieties like Pima and Organic.

Our yarn counts range from Ne 8/1 to Ne 60/1 for ring spun and Ne 6/1 to Ne 30/1 for open end, with additional options such as TFO yarns and sustainable cotton yarns like Organic and BCI. We also provide DTY, FDY, and PSF/Viscose options to cater to various spinning needs.

Certified production capabilities are a cornerstone of our offerings, with certifications including GOTS Organic, GRS Recycle, OCS Blend, Fair Trade, BCI, and Oeko-tex.

In addition to yarn, we supply fabrics, including GOTS Organic sateen and percale, as well as normal cotton swaddling cloth in various specifications.

Partner with us for high-quality cotton yarn and fabric solutions tailored to your specific requirements and sustainability goals.



RECYCLED YARN: PIONEERING



SUSTAINABILITY AND VERSATILITY

baumbio's Recycled Yarn sets a new standard for eco-friendly textiles, presenting a versatile range of thickness options. This yarn is perfect for sustainable apparel and home goods, making a bold statement in eco-conscious fashion.

Applications:

Sustainable Apparel: Make a fashion statement with clothing that resonates with an eco-conscious ethos.

Home Goods: Infuse environmental friendliness into interior textiles, from cushions to drapes.

baumbio's Commitment:

- *Championing sustainability with versatile options.*
 - *Ideal for sustainable apparel and home goods.*
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POLYAMIDE YARN: ENGINEERED FOR DURABILITY AND FLEXIBILITY

Engineering Excellence:

baumbio's Polyamide Yarn is rigorously engineered to offer unparalleled robustness and flexibility. Designed for technical textiles and automotive applications, this yarn enhances the durability and resilience of various industrial applications.

Applications:

Technical Textiles: Elevate industrial applications with high-performance fabrics.

Automotive: Enhance durability and resilience in upholstery and interiors.

baumbio's Commitment:

- *Rigorous engineering for robustness and flexibility.*
- *Perfect for technical textiles and automotive applications.*



SYNTHETIC YARNS: PRECISION CRAFTED FOR CUTTING-EDGE APPLICATIONS



Cutting-Edge Precision:

baumbio's Advanced Synthetic Yarns redefine functionality with precision craftsmanship. Tailored for technical textiles and aerospace applications, these yarns leverage cutting-edge materials to meet the demands of specialised industries.

Applications:

Technical Textiles: Harness cutting-edge materials for specialized applications.

Aerospace: Embrace lightweight yet durable yarns for avant-garde applications.

baumbio's Commitment:

- *Precision crafted for heightened functionality.*
 - *Ideal for technical textiles and aerospace applications.*
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ELASTANE YARN: **UNLEASHING** **FLEXIBILITY FOR** **OPTIMAL** **PERFORMANCE**

baumbio's Elastane Yarn stands as a game-changer in textiles, unleashing stretchable and resilient fibers for optimal comfort and performance.

Applications:

Apparel: Transform sportswear, activewear, and fitted garments with unbeatable flexibility.

Medical Textiles: Employ stretchable materials for medical compression garments, ensuring both comfort and support.

baumbio's Commitment:

- *Unleash stretchable & resilient fibers for optimum comfort.*
- *Ideal for sportswear, activewear, and medical textiles.*





REGENERATIVE YARN: SUSTAINABILITY WOVEN INTO EVERY FIBER



Regenerative

Experience the versatility of our cotton/ polyester blended regenerated (recycled) yarns, crafted for premium weaving and knitting applications. Unlock a world of possibilities with a diverse range of end uses, making our cotton/ polyester blend recycled yarn the go-to choice.

Applications:

Sustainable Apparel: Make a conscious fashion choice with eco-friendly clothing.

Medical Textiles: Prioritize sustainable healthcare solutions with regenerative materials.

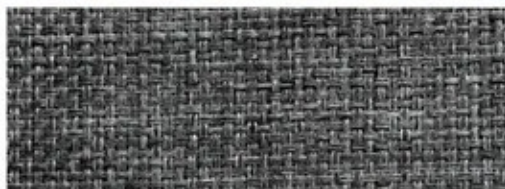
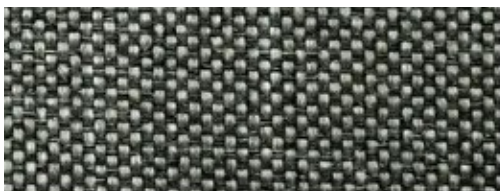
baumbio's Commitment:

- *Embrace environmentally regenerative yarns for a greener approach.*
 - *Ideal for sustainable fashion and healthcare solutions.*
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These specifications provide a glimpse into the diverse world of woven textile fabrics, each tailored to meet the unique requirements of specific applications



Depending on the intended use, factors like composition, weight, weave pattern, and special features can be adjusted for optimal performance and aesthetics.





DIVERSE WOVEN FABRICS

Cotton Poplin for Apparel:

composition: 100% Cotton

Weight: 120 GSM

Weave Pattern: Plain Weave

Width: 60 inches

Colour Options: Assorted solid colours

Special Features: Soft hand feel, breathable



Polyester Twill for Workwear:

Composition: 100% Polyester
Weight: 200 GSM
Weave Pattern: Twill Weave

Width: 58 inches

Color Options: Hi-visibility colors

Special Features: Durable, abrasion-resistant

Linen Blend for Home Textiles:

Composition: Linen-Cotton Blend
Weight: 180 GSM

Weave Pattern: Basket Weave

Width: 54 inches

Colour Options: Natural and earthy tones

Special Features: Textured, breathable

Nylon Ripstop for Outdoor Gear:

Composition: 100% Nylon
Weight: 70 GSM

Weave Pattern: Ripstop

Width: 66 inches

Colour Options: Camouflage and solid shades

Special Features: Tear-resistant, lightweight

Canvas Duck for Bags and Upholstery:

Composition: Cotton-Polyester Blend
Weight: 16 oz/sq.yd

Weave Pattern: Plain Weave

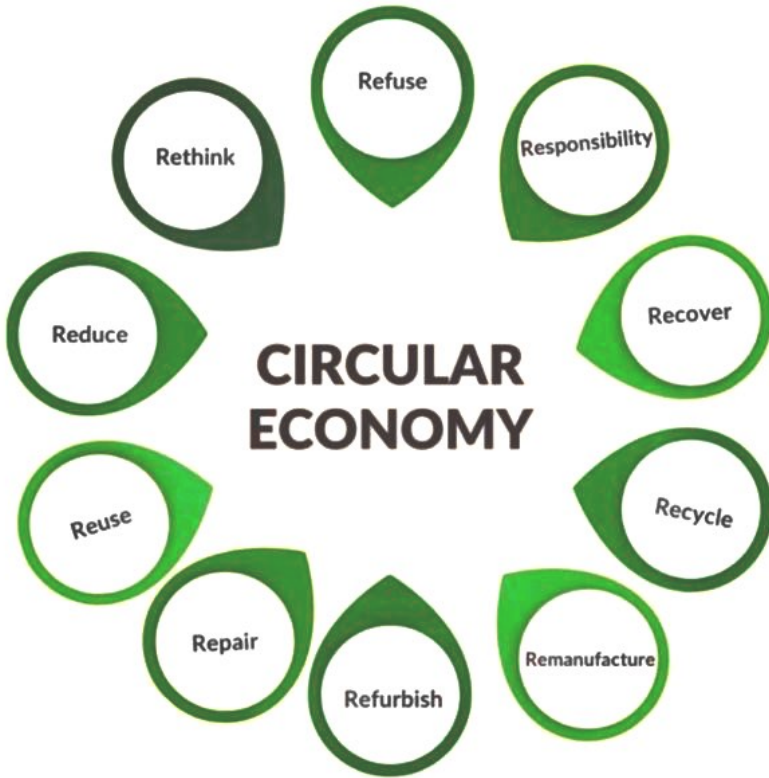
Width: 60 inches

Color Options: Neutral tones

Special Features: Sturdy, heavyweight



The 10 R's Principles of a Circular Economy



Adhering to circular economy principles in harmony with sustainability provides



**Reducing
Greenhouse Gas
Emissions**



**Promoting
Sustainable
Economic Growth**



**Safeguarding
Long-Term
Biodiversity**



**Improved Ocean
Health & Water
Quality**



baumbio stands committed to excellence, sustainability, and innovation, evident in our diverse portfolio of woven fabrics and yarns. From the finesse of Cotton Yarn to the eco-conscious versatility of Recycled Yarn, and the precision engineering of Polyamide Yarn, Baumbio products embody a new standard in the textile industry.



Embracing circular economy principles, we prioritize sustainability throughout our manufacturing process. Our commitment extends beyond product quality to environmental responsibility, shaping a future where textile excellence and sustainability coexist harmoniously. Join us in crafting tomorrow's textiles today, where every creation reflects our dedication to a more sustainable and vibrant world.



CONSTANT INNOVATION

Embark on a journey of constant innovation with us! We seamlessly integrate timeless wisdom from our historical archives with the dynamic trends of the fashion world. Our commitment to innovation drives us to create fresh, trendy designs and structures daily, ensuring your style always stands out. Plus, experience the assurance of traceable textiles and yarns.



Traceable

At **baumbio**, we not only prioritise innovation but also produce organic yarns and fabrics for a sustainable and stylish choice.



Organic

QUALITY DYEING

Utilising cutting-edge, constantly updated techniques, we employ environmentally friendly colouring from industry leaders. Our fabrics undergo rigorous daily quality controls, ensuring top-notch standards in every product.



Low Impact Dyes





BAUMBIO'S JOURNEY

Transforming Textiles Sustainably

Baumbio, founded on principles of sustainability, has traversed a remarkable journey in the textile industry.

Our commitment to excellence and eco-friendliness has been the driving force behind the development of each fabric and yarn in our portfolio.



BAUMBIO

www.baumbio.com

