



## B.I.G. Yarns, a new European producer of PET BCF yarns for automotive carpet

- First industrial runs complete for automotive carpet manufacturing
- New yarns put innovation and sustainability at forefront of production
- B.I.G. Yarns now a one-stop shop for nylon (PA6), polypropylene (PP) and polyester (PET) BCF Yarns

Wielsbeke, Belgium – January 11, 2024 – To expand its support for high-end and luxurious automotive interiors, B.I.G. Yarns has completed its first industrial production runs of virgin polyester BCF yarns for automotive carpet to complement its line of polyamide PA6 superior yarns.

There is a growing market in PET for automotive interior applications, with polyester allowing **automotive OEMs and Tier 1** to develop products that, from the outset, consider **eco-design** by building MONO-polymer carpets and flooring that are 100% recyclable at End of Life (EOL). These materials are helping to ensure improved and more sustainable EOL recycling of electric vehicles that are driving the future of the car industry.

The new PET BCF Yarns offer high-performance for automotive carpets, including abrasion and stain resistance, and durability, passing all stringent automotive tests including the Taber test for abrasion performance, compressibility and recovery ability test, light fastness in automotive (DIN EN ISO 105-B06) and VOC (fogging) according the VDA 278 test on VOC and FOG emission. The yarns can be color solution dyed, have a dTex between 1300 – 1500, 81 filaments and are ideally for mats with a composition of 400 to 800 gram per m<sup>2</sup>, while the yarns for molded carpets have a dTex of 1200, 144 filaments for 380 gram per m<sup>2</sup>.

“As the industry continues its transition towards circularity, making the right material choice is crucial from the outset to ensure the best possible eco-design and recyclability. Our newcomer, PET BCF yarns, brings virgin material to automotive carpets, creating a new systemic approach towards MONO-polymer-based automotive applications,” said Glenn Hyzak, Global Sales Director Yarns.

With the addition of PET BCF yarns, B.I.G. Yarns is now a one-stop-shop for 3 types of Solution Dyed BCF carpet yarns for the automotive industry: nylon (PA6), polypropylene (PP) and polyester (PET), and the Ego-range of PA6 yarns – the sustainability focused EgoBalance, EgoCycle and EgoYarn. This strategically positions the company to help carpet manufacturers meet their sustainability targets.

The automotive carpet market is expected to grow strongly in the coming decade with the increased demand for vehicle customization and personalization driven by owners looking to upgrade and enhance interiors, including the flooring area.



A growing awareness around car hygiene is also boosting the market as consumers become more conscious of maintaining cleanliness in their vehicles, including the floors. Automotive carpets provide an effective solution by trapping dirt and preventing it from spreading to other areas.

B.I.G. Yarns supports manufacturers as they invest in research and development to introduce more innovative and improved products to cater to these evolving consumer needs.

“From sustainability to enhanced functionalities and color, we work closely with our customers, supporting them in design for vehicle customization and personalization, and in building new carpet designs that have never be seen before. Be inspired by our SustainableYarns and our monthly Catch The Color and let us help you open up exciting new opportunities with our continuous focus on innovation and sustainability,” concluded Mélanie Monceaux, R&D Manager B.I.G. Yarns.

B.I.G. Yarns is proactive in developing new products that better serve customers’ needs in a sustainable way. Its solutions are at the forefront of industry product design, and it is fully committed to achieving an improved climate impact in the full supply chain within the automotive interiors industry by focusing on what matters most.

- End of press release -

## **B.I.G. YARNS**

B.I.G. YARNS is an entity within the Belgian family-owned business Beaulieu International Group and part of its Engineered Products Business Unit. It is a leading manufacturer of polyamide (PA), polypropylene (PP) and polyester (PET) yarns for commercial, automotive, residential and technical applications. Its products are supplied in the form of bulk continuous filament (BCF) and ennobled yarn (twist, heatset and fris ). B.I.G. YARNS distinguishes itself with an entrepreneurial yet simultaneously warm-hearted partnership approach, inspired by an open, SME culture, to create a wide range of high-quality yarns and related services that are often developed in close collaboration with customers and always with due respect to man and nature.

B.I.G. YARNS has two production sites in Europe – one in Belgium, one in France – and one production site in China.

## **Member of Beaulieu International Group**

As a global family business, we develop and co-create – in an innovative, entrepreneurial and sustainable way - flooring and material solutions to enhance the quality of living and working for every generation.



Headquartered in Belgium, B.I.G. employs over 4.900 people worldwide in 19 countries throughout Eurasia, America and Oceania and serves customers in 150 countries. In 2022, B.I.G. reported sales of €2,4 billion. At B.I.G., we work purposefully to build a sustainable future. Our sense of entrepreneurship and our ambition enable us to continue to grow together with our employees, customers, suppliers, shareholders and the society in which we operate.



Caption: B.I.G. Yarns, a new European producer of PET BCF yarns for automotive carpet  
(Photo: © Beaulieu International Group)

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