

2026

Nexis Fibers

partner for your NEXt visions

Company Overview



Nexis Fibers (Member of Arkero Group) is a leading European-origin producer of **industrial multifilament yarns and specialty polymers for high-performance applications.**

- The **only producer** of industrial multifilament PA6 yarns in the EU
- **One of only two producers** of industrial multifilament PA66 yarns in the EU
- **Over 50 colors of spun-dyed** PA6 & PA66 yarns
- Operating batch polymerization lines for **PA6.10 & PA6.12** polymer chips
- Manufacturing at two EU-based production sites: **Latvia & Slovakia**
- Offering twisting and **air texturing** capability
- **400+ employees**
- Annual revenue of up to **€80 million**

Quality & Certifications



- Delivering **consistent, high-quality products**, supported by internationally recognized certifications including **ISO, IATF, bluesign® & OEKO-TEX®**
- Strong **CSR** commitment, validated by an **EcoVadis Silver Rating & ISCC PLUS** certification



STANDARD 100

VUTCH-37
VUTCH

www.oeko-tex.com



Cert No. 23145-EMS-001



ARKERO GROUP structure

 (949 employees, 150 mil. € - Revenue)



Nexis Fibers Group

 (400+ Employees, 80 mil. € - Revenue)



**Atlanta, Georgia,
United States**
- **Business Office**



Daugavpils, Latvia
- **Spinning & Twisting Plant**
10 kt PA6 yarn capacity
Twisting/ plying machines
Certified: ISO 9001, bluesign®

Humenné, Slovakia
- **Headquarters**

Spinning, twisting & polymerization
20 kt PA6/PA6.6/Colored PA6 & AT yarn
4,3 kt PA6.10 & 6.12 polymer chips
Twisting/ plying machines
Certified: IATF 16949, ISO 14001, OEKO-TEX®, bluesign®

Vision & Business Strategy



We aim to be the preferred European supplier of industrial multifilament yarns and specialty polymers.

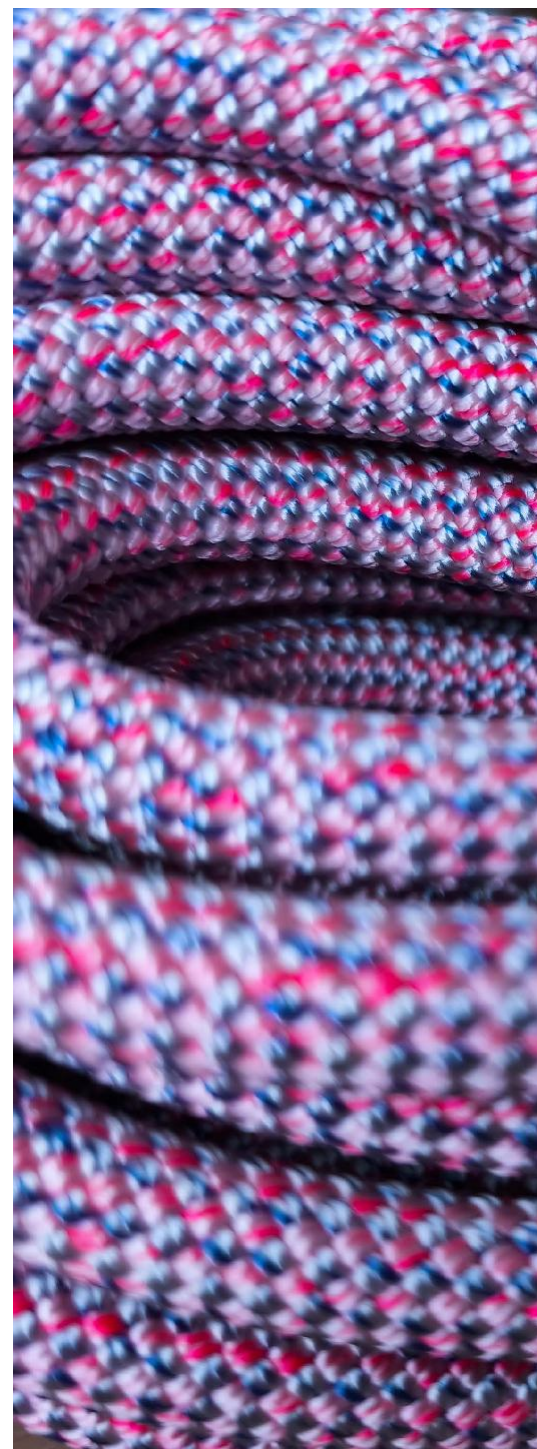
Why customers choose Nexis Fibers:

- **Proximity to the market & High Flexibility** Fast delivery enabled by European manufacturing
- **Consistent high-quality standards**
- **Tailor-made specialties** Industrial yarns and specialty polymers developed to customer requirements
- **Direct technical support** On-site expertise for faster validation and troubleshooting
- **Sustainability as added value** Sustainable alternatives, reduced chemicals, lower environmental footprint

Nexis Fibers



serves demanding applications in various industries



Yarns For Ropes & Nets



High and Super High Tenacity, Multifilament Polyamide 6 (White & Spun-dyed) Yarns for the Specialty & Industrial Ropes and Nets

Markets:

- Safety Ropes for Mountaineering and Arborist
- Paper Carrier Ropes
- Marine Ropes
- Deep Sea Nets
- Fish Farming Nets
- Sport & Safety Nets



Yarns For Tyres & MRG



High and Super High Tenacity, Multifilament Polyamide 6 and 6.6 Yarns for the Tyres and Mechanical Rubber Goods

Markets:

- Passenger car Tyres
- Off-Road Tyres
- Aircraft Tyres
- Conveyor Belts
- Air springs
- Hoses



Yarns For Airbag & Weaving Applications



High and Super High Tenacity, Multifilament Polyamide 6 (White & Spun-dyed) and 6.6 Yarns for the Airbag and Weaving

Markets:

- Airbags
- Broad Woven
- Narrow Woven
- Sewing Threads
- Air Jet Textured Applications

Nexis Fibers



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Special Polymers



Polyamide 6.10, 6.12
(various viscosities)
and PA6.6 Post-
condensation for
Demanding Monofilaments
and Compounding

Applications:

- Monofilaments
- PMC (Paper Machine Clothes)
- Plastic Compounds
- Engineering Plastics
- Filtrations
- Brushes



Twisted & Air-jet Textured Yarns



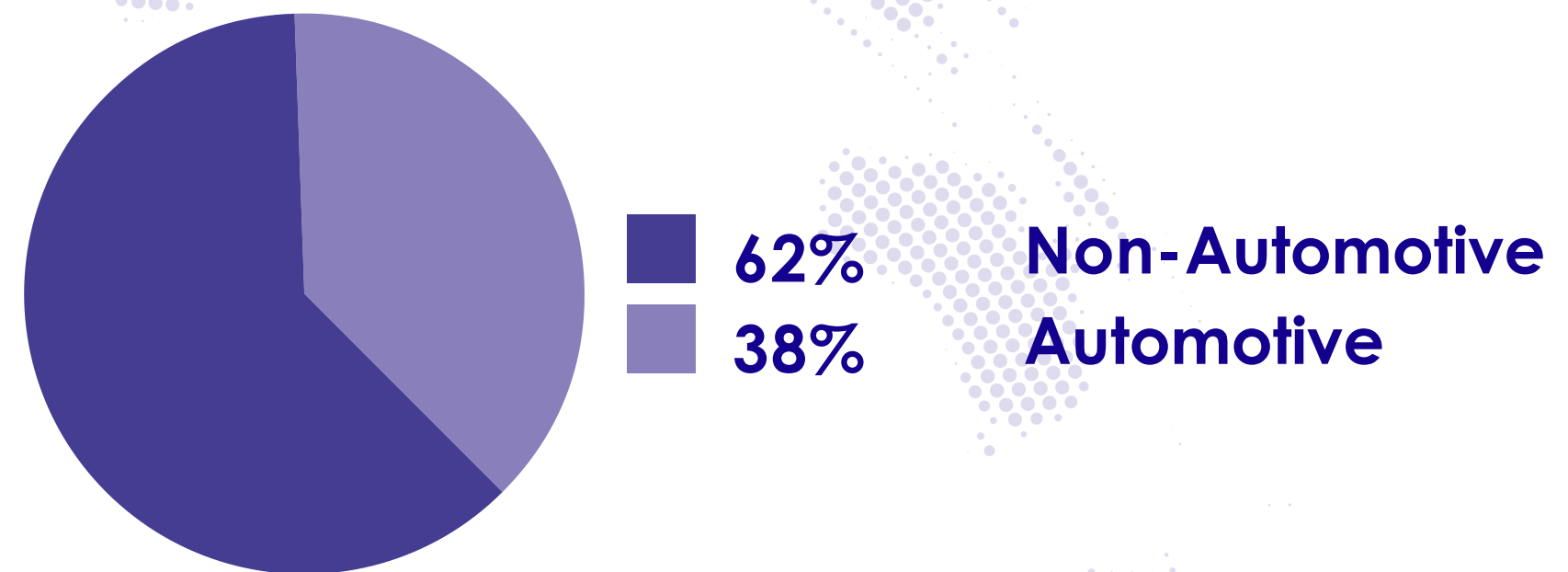
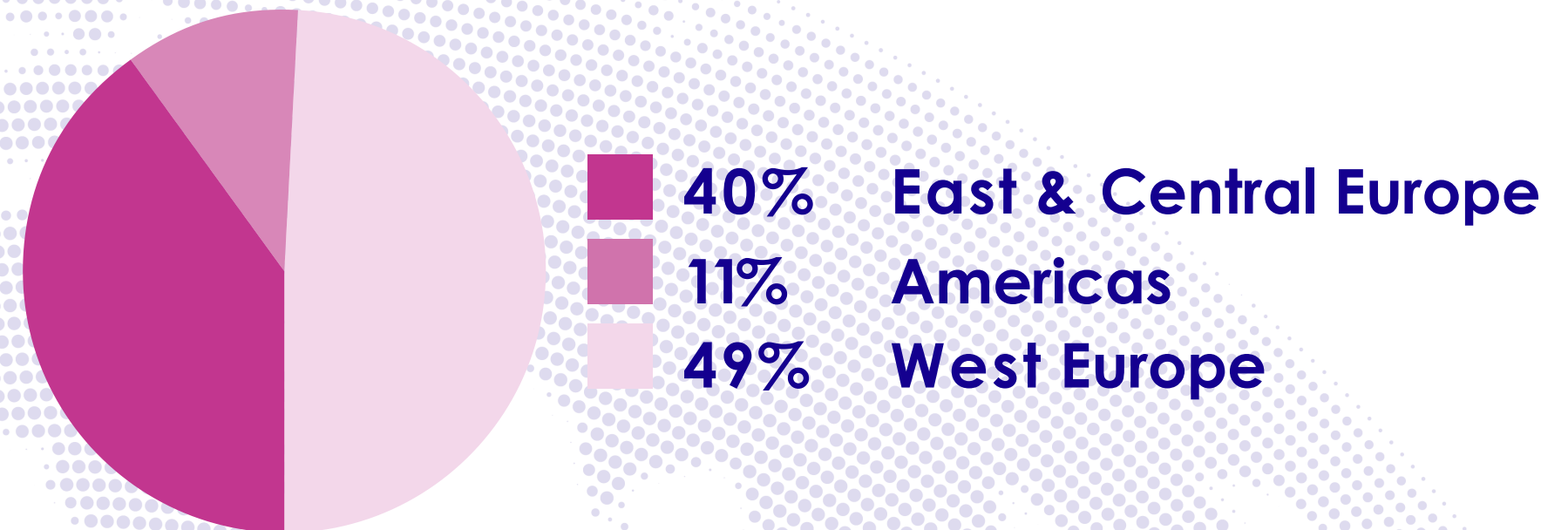
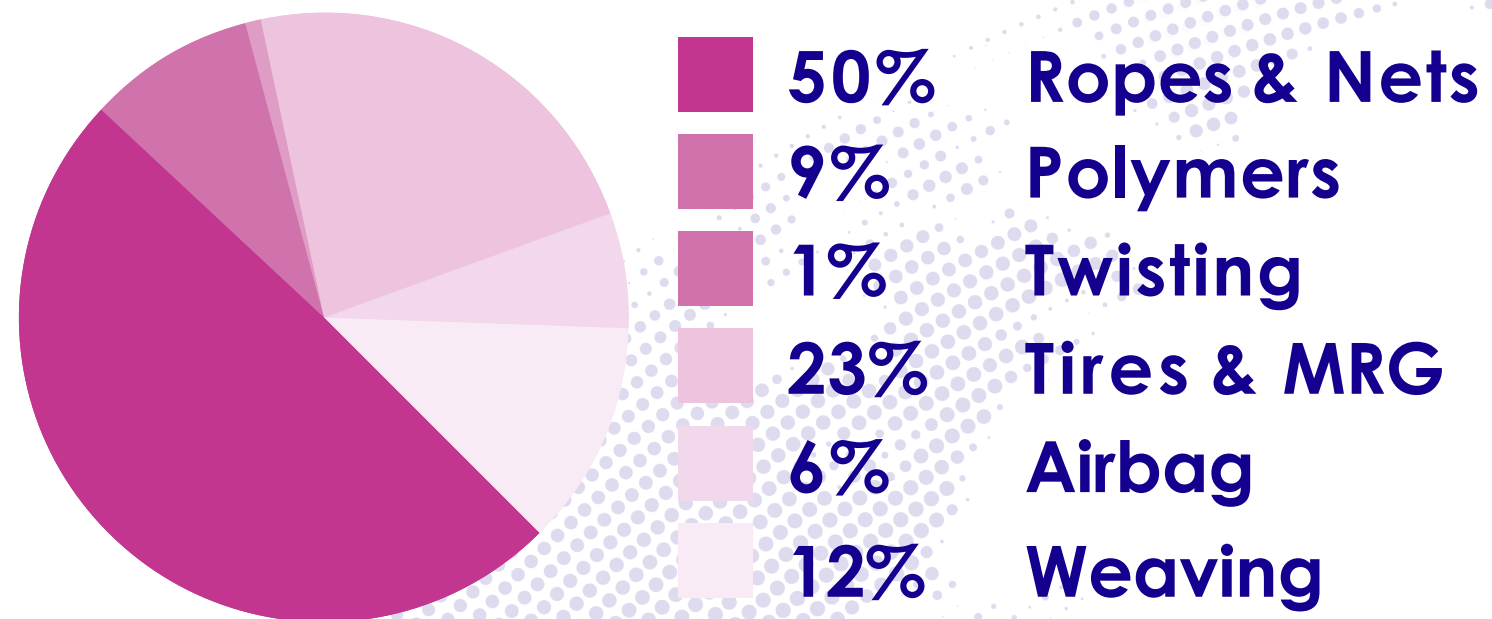
Twisted and Air-Jet
Textured using Polyamide
or customer's yarn (PES,
Acetate, etc.) for Industrial

Applications:

- Ropes and Nets
- Pre-Twisted Yarns
- Broad Woven
- Chafer for Tyres and Textile Applications

Sales by Market & Geography

Automotive Exposure



Our Sustainability approach

Sustainable Product Portfolio



Flexible solutions based on customer needs

	Chemical recycled (CC) Mass balance ISCC PLUS	Bio-based (BMB) Mass balance ISCC PLUS	Bio-based 63% Bio Feedstock **
YARN			
PA6 white	✓	✓	-
PA6 Spun-Dyed*	✓	✓	-
PA6 Hydrophobic	✓	✓	-
PA66 white	✓	✓	-
PA66 Spun-Dyed*	✓	✓	-
PA6 & PA66 Air-texturing	✓	✓	-
PA6.10 yarn	-	✓	✓
POLYMER			
PA6.10	-	✓	✓
PA6.12	-	-	-

✓ available - not available

* For spun-dyed yarns, the sustainable content ranges between 95-100%, depending on the color masterbatch used.

** The 63% bio-based content of PA6.10 originates from sebacic acid derived from castor oil.

Bureau Veritas Certification



ISCC PLUS Certificate

Certificate Number: ISCC-PLUS-Cert-PL214-80540226

Bureau Veritas Polska Sp. z o.o.
ul. Domaniewska 44, 02-672 Warszawa, Polska
certifies that

Nexis Fibers a.s.
Chemlonská 1, Humenné 066 12, Slovakia
complies with the requirements of the certification system
ISCC PLUS
(International Sustainability and Carbon Certification)

This certificate is valid from 29.03.2026 to 28.03.2027.

The site of the system user is certified as:

Converter
Polymerization plant
Trader with storage

The scope of the certificate includes the following chain of custody options:
(not applicable for paper traders)
Mass balance

Warszawa, 27.03.2026
Place and date of issue

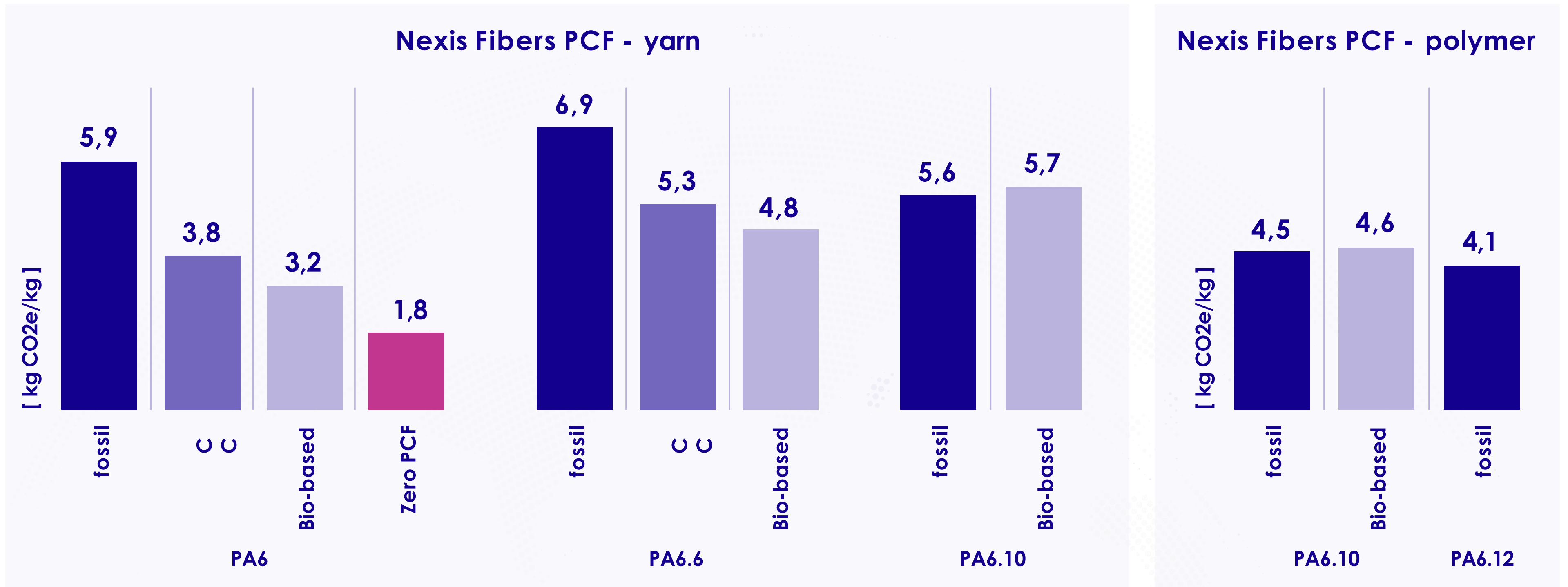


Bureau Veritas Polska Sp. z o.o.
02-672 Warszawa, ul. Domaniewska 44
NIP: 521-32-23-301
Stamp, Signature of issuing party

The issuing Certification Body is responsible for the accuracy of this document.
Version / Date: 1 (no adjustments) / 27.03.2026

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Sustainability at the Core of Nexis Fibers



Key highlights (cradle-to-gate):

- Up to -69% CO₂ reduction with bio-based & circular solutions
- ISCC PLUS certified materials ensuring traceability and credibility
- Consistent performance across PA6, PA66 and specialty polyamides

What this means for you:

- Lower Scope 3 emissions
- Seamless integration into existing applications
- Certified and transparent methodology (GHG Protocol / ISO 14067)

Our Yarn Specialities

Bio- based yarns PA6.10

- Sustainable alternative to traditional fossil - based yarns
- Bio-based monomer largely derived from castor oil plant
- **Lower moisture uptake** (65% less compared to PA6)
- Stable mechanical & dielectric performance
- Heat and UV protected
- Fossil alternative with similar FM characteristics available

PA 6.6 Super High Tenacity Multi-Filament Yarn Type 654

Engineered for maximum mechanical performance and long-term durability

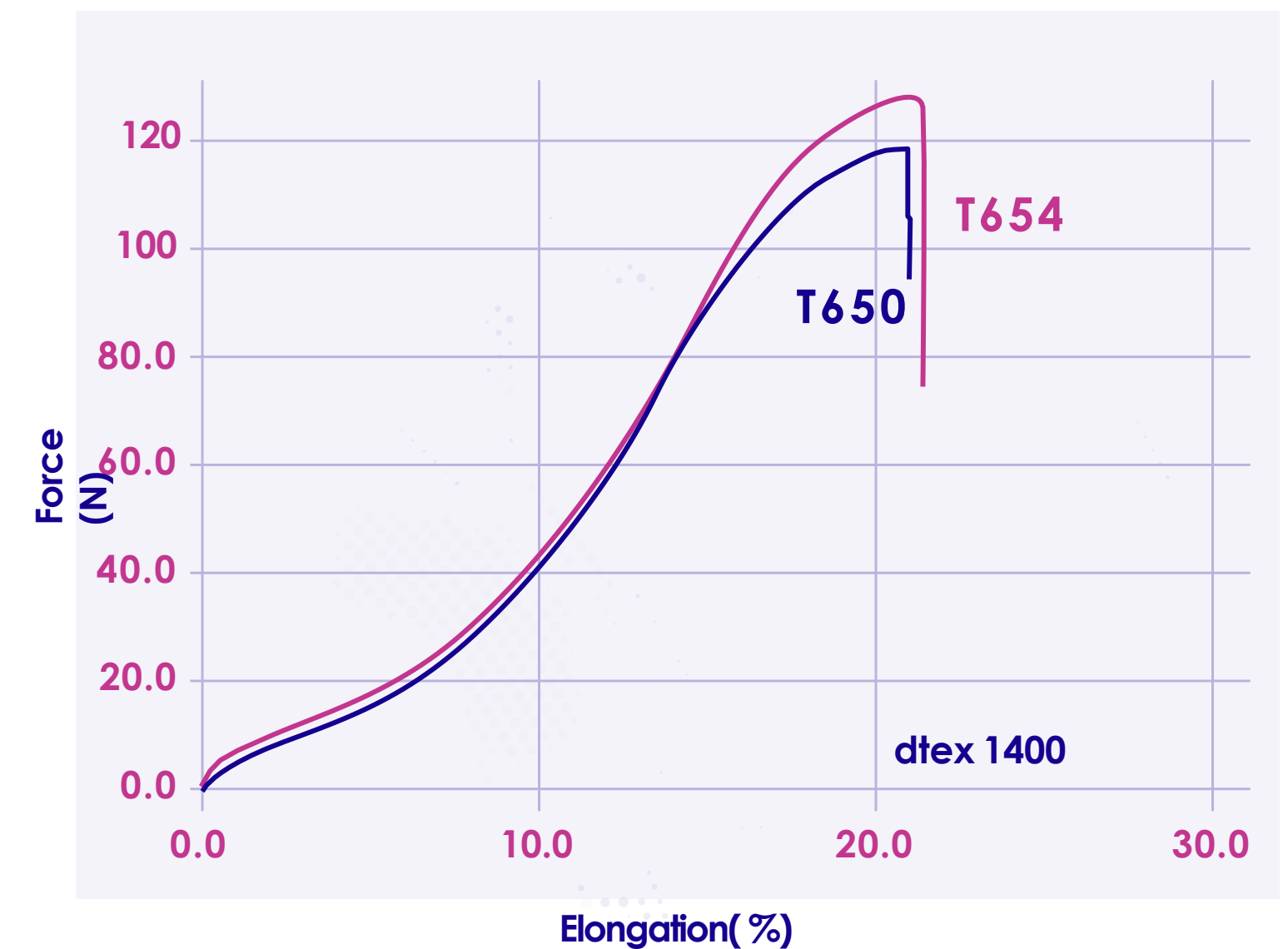
Key performance Attributes:

- Tenacity ≥ 90 cN/tex
- High modulus
- Outstanding thermo stability
- dtex range 940-2100

For your highly demanding industrial applications e.g. HiTec Tyres & Air Springs.



Mechanical properties differences compared to standard tyre yarn T 650



IRI - Infrared invisible yarn

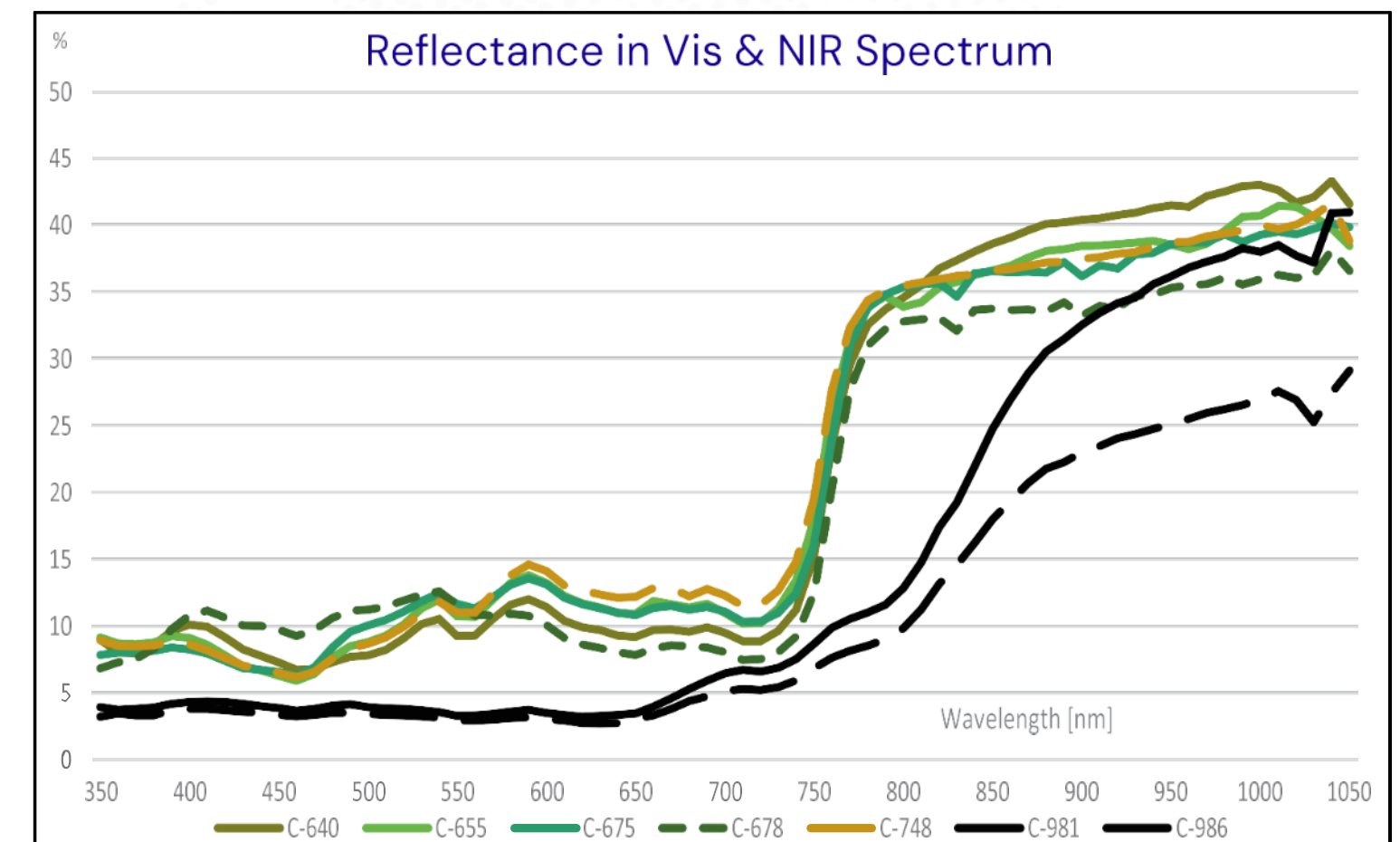
Main benefits:

- Customized Spun-Dyed yarns for camouflage garments to minimize the contrast between objects and their environment by using Infra Red (IR) night vision
- Reflectance at wavelength 700 - 1050 nm according to MILITARY REQUIREMENTS
- Improved color fastness and reflectance results in comparison to traditional surface dyeing
- Minimized environmental impact due to elimination of additional chemical treatment on textiles
- UV protected, OEKO-TEX 100 certified



Available as:

- Type 051 - PA6 940 dtex - flat
- Type 0517 - PA6 1030 dtex - ATY
- Type 583 - PA6.6 235-470 dtex - flat
- Type 5837- PA6.6 550 dtex - ATY



Hydrophobic (DRY) yarns:



- 85% less water absorption compared to standard polyamide yarns (complies with UIAA standard)
 - PFC free solution
 - High tenacity yarns (min. 60cN/tex)
 - Polyamide 6 in the dtex range 940-1880
-
- Bright or spun dyed for different colours
 - Homogeneous coating during spinning at capillary level
 - UV protected, OEKO-TEX 100 certified
 - Made available as plied / twisted / heat set

Nexis Fibers

 proud to service Technical Textile Industry



Development Roadmap

Polyamide Yarns

Innovation Overview

Advanced Polymer Platforms



PA 4.6 – High Temperature

Properties

- High melting temperature
- Improved heat resistance vs PA66
- High stiffness polymer

Today used in

- Automotive engine components
- Electrical connectors
- High-temperature resistant parts



PA 5.10 – 100% Bio-Based

Properties

- Bio-based polymer
- Lower moisture uptake vs PA6/66

Today used in

- Engineering plastics
- Industrial components
- Sustainable product lines



Zero PCF (Mass Balance)

Properties

- Renewable feedstock allocation
- Reduced product carbon footprint
- ISCC PLUS certified supply chain

Today used in

- Engineering plastics
- Automotive applications
- Low-carbon portfolios

Yarn Performance Developments



Improved Dyeability PA66

Properties

- Increased dye affinity
- Improved color consistency
- Process efficiency potential

Today used in

- Textile yarns
- Technical fabrics
- Industrial textiles



Water Filtration & Food Contact

Properties

- Controlled filament geometry
- Durability in wet conditions
- Grades suitable for food contact

Today used in

- Industrial water filtration
- Drinking water components
- Food processing filtration



T325 – High Elongation PA6

Properties

- Increased elongation at break
- Enhanced energy absorption
- Dynamic load capability

Today used in

- Ropes and cordage

**Thank you
for your
attention**