

## PRESS RELEASE

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Polyester yarn: 2013, a year of volume growth for RadiciGroup brands.





From outdoor furnishings to marine applications. From medical to contract, technical/industrial, apparel, automotive and geotextiles. These are just some of the continuous polyester yarn markets successfully targeted by RadiciGroup during the past year.

The year 2013 saw growing volumes for many of the tailor-made solutions offered by the RadiciGroup PET YARN Business Unit: RADYARN® UV STABILIZED (UV-stabilized yarn), RADYARN® FR (flame-retardant yarn), r-RADYARN® and CORNLEAF (eco-sustainable yarn lines), RADYARN® BICO (two-component yarn) and RADYARN® STRETCH (PBT stretch yarn).

Know-how, vertical integration and total production chain control from spinning to downstream processing. Taking advantage of these RadiciGroup strengths, the PET YARN Business Unit is continuing its research and development efforts centred on developing new types of continuous PET yarn and improving existing products in terms of performance and quality.

RadiciGroup polyester yarn volume has been growing. With three production and processing sites located in Italy and Switzerland, RadiciGroup – a vertically integrated leading European producer of continuous PET yarn – closed the year 2013 with greater market share in many of its target polyester market sectors. Outstanding results were achieved in the outdoor furnishings, technical/industrial and automotive segments.



"The year 2013 was a positive one for us," said **Paolo Radici**, *member of the RadiciGroup Board of Directors and CEO of the RadiciGroup PET Yarn Business Unit*. "Despite the difficult economic situation in Europe, we managed to grow and gain a good share for our products in our chief target markets. All three of our companies achieved improvement: the two Italian sites in Chignolo d'Isola and Andalo Valtellino, and the Swiss facility in Stabio, with a combined total of 341 employees."

Outdoor furnishings (fabric for tensile structures, solar protection, and garden furnishings) was one of the markets successfully targeted by RadiciGroup PET YARN.

"Outdoor furnishings – a market segment on the rise, particularly in Italy – has been one of the markets of



great interest to us, not so much for the volume, but for the high quality and technological level that sets this market apart," said **Maurizio Vedovati**, general manager of Noyfil SpA and sales manager of the RadiciGroup PET YARN Business Unit. "In outdoor furnishings, the world of design generates attractive business opportunities in allied industries. In the period from 2011 to 2013, our polyester yarn, notably our Radyarn® UV stabilized line, registered an increase in sales volume of 60% in outdoor furnishings. The market prized the excellent performance of our products, not to mention our

other strong points. Indeed, our production flexibility and capability to develop products tailored to specific requirements are of crucial importance to our customers."

Besides outdoor furnishings, the marine industry is one of the main fields of application for RadiciGroup UV-stabilized polyester yarn.

"Good results were also achieved by our Radyarn® FR flame retardant yarn," Mr. Vedovati continued. "These items meld flame retardant properties with custom tailoring options and cost efficiency. For these products, we have specialists who provide our customers with full technical support, from yarn design to fabric design, processing, and testing and certification procedures. That is how we ensure a real competitive advantage. In our FR target markets, which include furnishings, contract and public transport, during the last three years volumes have grown by about 60%."

Also positive were the results achieved in warp-knit fabric, especially in the apparel sector, by RADYARN® STRETCH, PBT elastic yarn and RADYARN® BICO two-component yarn. In the warp-knit segment, RadiciGroup polyester yarn recorded a 35% increase in volume.

Furthermore, RadiciGroup PET YARN is continuing to enhance its eco-sustainable r-RADYARN® and



CORNLEAF product lines. Produced from 100% post-consumer recycled PET bottles, the r-RADYARN® products are ideal for applications such as: furnishings (curtains, linings, wall coverings/upholstery), apparel (sport, fashion, intimatewear, hosiery), automotive (seats, upholstery. liners), technical industrial (coverings, filters, netting, ropes), medical (bacteriostatic fabrics, elastic bandages, body contouring items/support hose).

CORNLEAF is a RadiciGroup yarn produced from Ingeo™ polylactic acid (PLA) biopolymer, a 100% natural material made from renewable vegetable resources. Its main applications are intimatewear, outdoor and indoor furnishings, geotextiles and consumer goods.

"From the first eco-product we developed onward, our work on r-Radyarn® and CornLeaf eco-sustainable product lines has never stopped," Mr. Vedovati explained. "The market, particularly the furnishings segment, is sensitive to environmentally friendly products, which have accounted for modest volumes up to now. Price still plays a determining factor. However, our Group deeply believes in these products, since they make an important contribution to environmental protection. For this reason, we are committed to continue working, in collaboration with our customers, on the development, promotion and sale of these eco-brands."

"We have exciting projects underway," Mr. Vedovati concluded. "Our hallmark vertically integrated production, from spinning to downstream yarn processing, enables us to work on enhancing process and product performance from the very beginning of the production chain, as well as on new additives, technologies and products, in order meet our customers' needs more and more efficiently."

**DEVELOPMENT PROJECTS IN THE FOREFRONT** ... New multi-functional products, yarns endowed with a combination of properties achieved through special additives. By way of example, for the indoor furnishings segment, RadiciGroup PET YARN, in collaboration with an important customer, is developing a solution-dyed 100% bio-degradable yarn featuring UV screening and excellent flame retardant properties.

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## RADICIGROUP: FROM CHEMICALS TO PLASTICS, SYNTHETIC FIBRES AND NONWOVENS

Production and sales sites in Europe, North America, South America and Asia. Diversified businesses focusing on chemicals, plastics, synthetic fibres and nonwovens. Know-how. Vertically integrated nylon production. Constant commitment to guaranteeing its customers quality, sustainable innovation and reliability.

All this is RadiciGroup, a leader in nylon chemicals. RadiciGroup products are used in applications such as:

- Apparel
- Furnishings
- Automotive
- Consumer goods
- Construction
- Electrical and electronics
- Household appliances
- Sport

RadiciGroup, with its Chemicals, Plastics, Synthetic Fibres and Nonwovens Business Areas, is part of a larger industrial group that also includes textile machinery and energy businesses.

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