



PRESS RELEASE

Bergamo, 4 April 2014

DORIX® and RADILON® STAPLE FIBRE: RadiciGroup staple at Index 2014.



INDEX IS HERE: GENEVA, 8-11 APRIL 2014. There is a new player in the NONWOVENS market: RadiciGroup nylon staple fibre sold under the brand names **DORIX®** and **RADILON® STAPLE FIBRE**.

These staple fibre products, produced by Radici Yarn and Radici Chemiefaser GmbH, are available in different counts and cross-section shapes and in a wide range of solution-dyed colours.

They are ideal for applications in the **technical fabrics industry** using technologies like **thermal bonding** and **needle punching**.

From 8 to 11 April, experts and operators in the nonwovens industry are gathering in Geneva at the INDEX 2014 international nonwovens exhibition. At the event, the leading RadiciGroup product lines are going to be **DYLAR®** polypropylene spunbond nonwoven specialities and **DORIX® and RADILON® STAPLE FIBRE** staple products. RadiciGroup staple fibre is produced at two production sites: **Radici Yarn SpA**, one of the oldest Group companies celebrating its 40th anniversary this year, and **Radici Chemiefaser GmbH**, part of the Group since February 2011. Over the years, these products have helped RadiciGroup gain a leadership position in Europe in the production of polyamide 6 staple. The two sites complement each other, giving RadiciGroup customers a full range of products, in addition to great production flexibility and superior product performance in terms of mechanical resistance, resilience and colourfastness.

Nylon staple for industrial applications in the nonwovens sector...

Nonwovens for technical applications such as interlinings, industrial filters and abrasives. These are the main market segments where RadiciGroup nylon staple is an ideal solution.

“We have always been in the nonwovens market with our Radilon® nylon staple portfolio. Now, showcasing



our products at INDEX is an excellent opportunity for us, since it is an additional display window for our nylon staple products” said **Filippo Bona**, of *Radici Yarn R&D*. “For a couple of years now, we have been considering certain industrial applications for our nonwovens, optimizing our Dorix® products specifically for these kinds of uses. Now, we are introducing a wide range of nylon 6 and 6.10 products to this particular market segment and are aiming at extending our portfolio with products having even better

performance over a range of properties by the end of this year.”

“Crucial to our R&D work is the competence of Radici Chimica, which we can always count on,” Mr. Bona concluded. “Their know-how in nylon polymer production is a major strength for our entire Group. The contribution of Radici Chimica is what made it possible to develop two of our latest products: nylon 6.10 staple and continuous yarn.”

DORIX® AND RADILON® STAPLE FIBRE: PERFORMANCE AND SUSTAINABILITY.

Production flexibility, quality, sustainability and performance. Today RadiciGroup is able to bring a more complete and varied range of staple products to the market. Not only nylon 6 staple in raw and solution-dyed



versions, but also eco-sustainable nylon 6.10 products.

DORIX® and RADILON® STAPLE FIBRE products come in a wide selection of counts, cross-section shapes and solution-dyed colours, and boast superior performance: high tensile strength at break, high deformation resistance, colourfastness and ease of workability.

DORIX® AND RADILON® STAPLE FIBRE 6.10 ... staple made from PA6.10 – a biopolymer obtained from sebacic acid (64% by weight) and hexamethylenediamine, an intermediate over which RadiciGroup has direct

production control. Sebacic acid is a substance of biological origin obtained from the castor oil plant seeds. This plant is cultivated, mostly in China and India, in arid environments and, for this reason, does not compete with agricultural products for human consumption.



The technical characteristics of this staple fibre coupled with its biological component makes it ideal for the

manufacture of nonwovens. It has excellent performance in terms of tensile strength and colourfastness, as well as reduced environmental impact. Environmental performance has long been a sensitive issue of great importance to the textile production and supply chain.

NONWOVENS AND MORE ... Besides the nonwovens sector, RadiciGroup nylon staple is also used in the following industries:

- TECHNICALWEAR/ FASHIONWEAR
- CARPET / CONTRACT
- AUTOMOTIVE
- TECHNICAL APPLICATIONS

For more information on the DORIX® and RADILON® STAPLE FIBRE products:

Contact sales: daniele.zanoletti@radicigroup.com

Contact R&D: filippo.bona@radicigroup.com

Go to our dedicated [DORIX®](#) and [RADILON® STAPLE FIBRE](#) webpages!

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:

- Clothing
- 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. www.radicigroup.com

RADICIGROUP PRESS OFFICE

Cristina Bergamini

Corporate Marketing & Communication

cristina.bergamini@radicigroup.com

