



NEWS RELEASE

Hannover, 11-14 January 2014

DORIX® 6.10: FOR SUSTAINABLE DEVELOPMENT.

Again at centre stage at Domotex 2014: **dorix® PA6.10**, a staple fibre manufactured with **polymer made of 64% natural materials derived from renewable resources**. This staple fibre ensures a



high level of sustainability as well as excellent performance.

dorix®'s technical characteristics and biological component make it an ideal product with excellent performance and reduced environmental impact. The latter has become a factor

of increasing importance, the focus of particular attention by the textile product chain.

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The base polymer for dorix® 6.10 ...

The polymer used to produce dorix® 6.10 was developed and is produced by **Radici Chimica SpA**, a RadiciGroup chemical company based in Italy. RadiciGroup's upstream vertical integration, its distinctive characteristic, ensures full control over the production of PA 6.6. Polymer 6.10 is competitive with other long carbon chain polyamides in terms of cost and performance.

All PA 6.10-based products, from textile yarn to staple and engineering plastics, benefit from the properties of this polyamide, which greatly improves their technical performance while reducing the environmental footprint of their applications, thanks to use of renewable source material.

Performance and sustainability: a winning combination to stay competitive in the market.

Dorix® at Domotex 2014



dorix® 6.10 characteristics

Available in a vast range of colours and items, dorix® 6.10 is ideal for the contract textile floor coverings sector, particularly the manufacture of carpeting and needle-felt carpet tiles for high



performance applications where colourfastness and resistance to wear and tear are a must.

Starting in 2011 – thanks to its German company Radici Chemiefaser GmbH –, RadiciGroup has been able to expand its staple fibre portfolio, so as to offer its customers an increasingly more complete and differentiated

selection of products. It supplies not only raw and solution-dyed PA6 staple fibre, but also, as of last year, an eco-sustainable nylon-6.10 line under the dorix® brand name. A brand that stands for high quality, flexibility and performance, as well as low environmental impact. For RadiciGroup, collaborating with downstream customers is the key to tackling a great challenge: sustainability.

FOR MORE INFORMATION

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[DORIX ON THE WEB](#)

▶▶▶ For more information on all carpet yarn and staple products showcased by RadiciGroup at Domotex, please read the [PRESS RELEASE](#)

RADICIGROUP

Production and sales sites in Europe, North America, South America and Asia. Diversified businesses focusing on chemicals, plastics and synthetic fibres. 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
- Sportswear
- Furnishings
- Automotive
- Electrical and electronics
- Household appliances
- Consumer goods

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

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