



PRESS RELEASE

Bergamo, 11 September 2014

Yarns for sustainable arts. RadiciGroup at the Milan Triennale.

Textile Vivant
Vision, Experience and Research in Textile
Design

11 SEPTEMBER – 9 NOVEMBER
Milan Triennale



Innovation, Made in Italy and the textile industry. Today, the Milan Triennale, *Textile Vivant. Vision, Experience and Research in Textile Design*, opens its doors in the Palazzo dell'Arte, the

exhibition venue for this event since 1933. Among the artwork on display is an installation made of RadiciGroup low-environmental-impact yarn and staple products: **RADILON® 6.10**, **DORIX® 6.10**, **r-RADYARN®** and **CORNLEAF**.

Textile vivant is dedicated to the role of innovation and the uniqueness of the "Made in Italy" label in the world of textiles. The exhibition leads visitors through an experience-based discovery of the innovations and most interesting aspects of scientific research in the field of textiles in the modern and contemporary era. Themes explored are the expressive potential of fabrics and the role of design and materials engineering at the leading fashion textile and textile design companies. Fabrics as objects with a narrative of their own. Fabrics as the outer skin of culture and the ideal observation point for new design trends in the textile industry. Fabrics revisiting the contemporary world and making their presence known in new areas of design.

The exhibition also illustrates some significant moments in the extraordinary story leading from yarn to final product and linking textile production to the host communities. An encounter ranging from the introduction of the first mechanization processes and the development of textile products typical of the industrial age, to the increasingly close bond among textiles and the worlds of fashion, design, architecture and art.

Together with RadiciGroup, Textile Vivant exhibitors include the companies: **Candiani, Canepa, Dainese, Eurojersey, Forza Giovane Art, Gavazzi, NextMaterials, Lurex, Res, Slam, Stone Island, Zegna Baruffa Lane Borgosesia** and **Zip Zipper**.

YARNS FOR SUSTAINABLE ARTS ... RadiciGroup products are used to give shape to an irregular column of coloured bobbins standing along the Textile Vivant exhibition path. The installation, created by Peter Bottazzi, features a range of low-impact yarns that were developed, designed and produced by Radici Yarn and Noyfil SpA, two important RadiciGroup companies. Below is a detailed description of the yarns.

RADILON® 6.10 and DORIX® 6.10 – RADILON® 6.10 yarn and DORIX®

6.10 staple are products made from PA6.10, a biopolymer produced 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 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 make 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.

r-RADYARN® – RadiciGroup *r-RADYARN®* is a low-environmental-impact product made from 100% post-consumer recycled PET bottles. It is a safe product, the result of a multi-stage process – from post-consumer bottle collection to reprocessing and yarn production – all taking place in Europe and monitored at every step. Moreover, *r-Radyarn®* is a tangibly sustainable product: it valorises waste, cuts down on plastics disposal, raises awareness of separate waste collection and decreases energy consumption during the manufacturing process with a related reduction of CO2 emissions. In its solution-dyed version, it also avoids the excessive use of water.

CORNLEAF – A yarn made with a biopolymer obtained from polylactic acid (PLA), a 100% renewable vegetable source material. The Cornleaf production process fully meets eco-sustainability requirements, including the lowering of CO2 emissions and reduced water and energy consumption. This yarn is available in a wide range of highly lightfast, wash-resistant colours and combines the advantages of natural and synthetic fibres: lightness, tenacity, comfort, UV-resistance and safety.

Also showcased at Textile Vivant is **RADILON®** yarn...

in solution-dyed POY and DTY nylon 6 versions. The yarn comes in red, light blue, wisteria, yellow, midnight blue, sky blue, royal blue, fuchsia and black.

Textile Vivant

Vision, Experience and Research in Textile Design

11 September – 9 November 2014 – Milan Triennale

Curated by Eleonora Fiorani, Giovanni Maria Conti, Barbara Del Curto, Maria Grazia Soldati.

Installation by Peter Bottazzi

Graphics by Rossana Gaddi

Catalogue by Silvana Editore

RADICIGROUP

*Sales revenues of EUR 1,045 million. 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. www.radicigroup.com*