



NEWS RELEASES

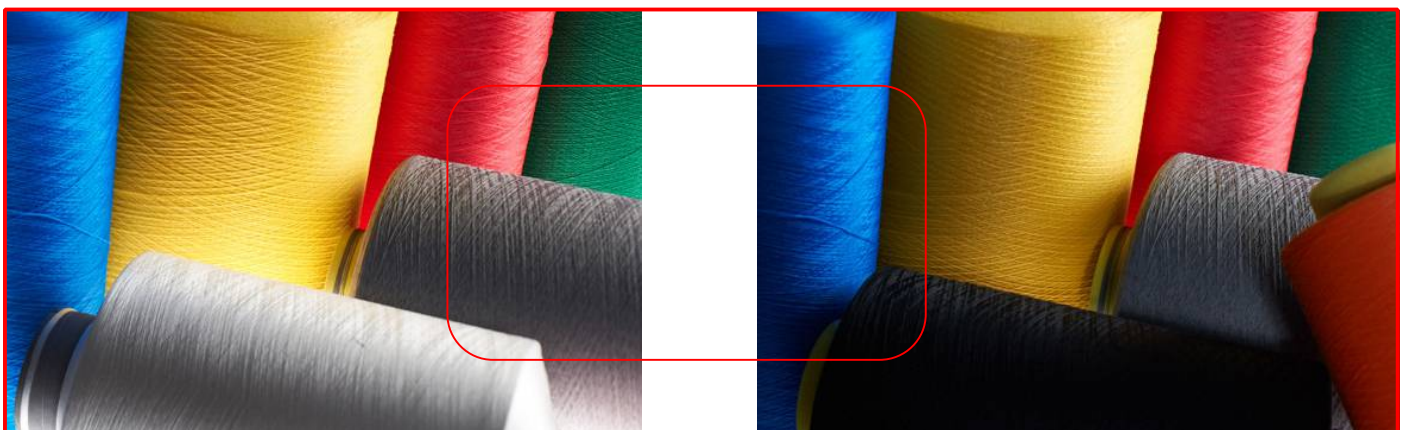
Frankfurt am Main, 4 – 7 May 2015

Radyarn® and Starlight® polyester yarn take centre stage at Techtexsil...

RadiciGroup is back at TECHTEXTIL, a leading international trade fair for technical textiles and nonwovens, from 4 to 7 May 2015 in Frankfurt, Germany.

FOCUS ON

four polyester yarn families: conventional Flame Retardant, UV-Stabilized and Bacteriostatic, and the innovative Ceramic.



Radyarn® and Starlight® FR...

Introduced within the context of the [FR Total Care](#) project, these continuous filament yarns feature intrinsic flame-retardant properties and are ideal for applications in the indoor and outdoor textile and contract sectors. Radyarn® and Starlight® FR are available in solution-dyed, antibacterial and/or UV-stabilized versions and endow fabrics with important functionalities: **high performance, safety, softness, breathability and colourfastness, as well as the highest quality.**

FR Total Care is an important project involving the collaboration of several companies in the synthetic fibres industry – including RadiciGroup's *Noyfil SA* and *Noyfil SpA* –, which teamed up and pooled their know-how with a very clear objective: to offer the best flame retardant solutions on the market, a complete line of FR products and services combining high performance, functionality, safety, customization, cost efficiency and sustainability. Furthermore, FR Total Care stands for technical expertise and innovation; specialized advice on fabric construction, design, production and finishing; support in testing and approvals; and marketing consulting.

Radyarn® and Starlight® UV Stabilized...

Radyarn® and Starlight® UV Stabilized are top-of-the-range specialities sold by RadiciGroup, a leading European manufacturer of continuous polyester filament with two production sites in Italy (*Noyfil SpA*) and one in Switzerland (*Noyfil SA*). These high-performance filaments have anti-UV properties that make them the ideal solution for the manufacture of fabrics for applications in the awnings, outdoor furnishings and marine sectors.

Radyarn® and Starlight® UV Stabilized PET yarns give fabrics colour stability and fastness to sunlight, residual resistance after solar exposure comparable to that of traditional acrylic products, and greater dimensional stability than acrylic yarn. Indeed, Radyarn® UV Stabilized yarn prevents unsightly creasing, waviness, and deformation over the entire fabric surface and along the seams.

Know-how, vertical integration and total production control from spinning to downstream processing are the strengths that allow RadiciGroup to tailor its products to meet its customers' needs in an efficient way. Vertically integrated production is the key to customizing polyester yarn in terms of colour, formulation and functionality, so as to meet the customer's aesthetic and performance specifications simultaneously. UV Stabilized yarn can be manufactured not only from standard polyester but also from PET Flame Retardant and recycled polyester, which makes it possible to offer multifunctional products – a feature that is very much appreciated by the target markets of RadiciGroup polyester yarns.

Radyarn® UV Stabilized is also available in yarn-dyed versions for traditional and customized applications.

Radyarn® and Starlight® UV Stabilized are available in a wide variety of combinations:

- **BASE POLYMER:** dull, bright or translucent.
- **FILAMENT CROSS SECTION:** round or trilobal.
- **TYPE:** friction texturized (FTF), air-jet texturized (AJT) or twisted.

Radyarn® and Starlight® Bacteriostatic...

These polyester yarn lines are manufactured with a nanostructured silver additive incorporated into the fibre during the extrusion stage before spinning (no post-treatment needed), which endows the yarn with bacteriostatic properties that inhibit the proliferation of bacteria on the fabric.

Radyarn® and Starlight® Bacteriostatic yarns ensure complete production versatility, as they are available in all solution-dyed PET versions in combination with flame retardant FR, UV-stabilized and Ceramic.

Radyarn® and Starlight® Ceramic...

At Techtex 2015, RadiciGroup is showcasing its new **Radyarn® and Starlight® Ceramic** polyester yarn lines designed for the development of high-quality fabrics featuring **thermoregulation** properties, in addition to high quality, colourfastness and safety.

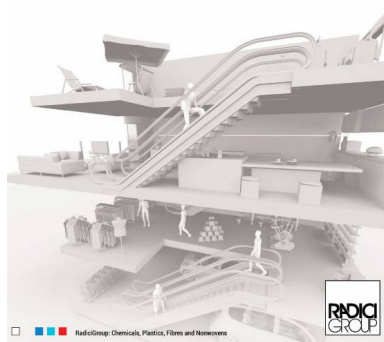
“These ceramic polyester yarns are among our latest innovative products developed for technical sportswear,” said **Daniele Dossi**, *site quality manager of Noyfil SA*. “They are high-performance products, functionalized with natural, non-toxic ceramic compounds that endow fabrics with intrinsic thermoregulatory properties with no need for further downstream chemical finishing treatments. Thanks to their special composition, Radyarn® and Starlight® Ceramic yarns can absorb, reflect and emit heat energy in the form of far-infrared rays (FIR) – both the FIR radiated by the sun and present in the environment, and the FIR radiated by the body through thermogenesis. This special thermoregulatory property contributes to maintaining better body thermal equilibrium and stimulates superficial microcirculation.”

“These yarns are particularly suitable for the manufacture of fabrics designed to ensure optimal comfort during intense physical activity,” Mr. Dossi continued. “As of now, we have developed these yarns in raw, white, black and solution-dyed versions in several colours according to customer specifications. Bacteriostatic versions of the Radyarn® and Starlight® Ceramic yarns are also available.”



For more information on the new Ceramic yarn line
and on the entire RadiciGroup polyester yarn range, please contact
sales.noyfilsvizzera@radicigroup.com

RADICIGROUP



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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